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GeneTex

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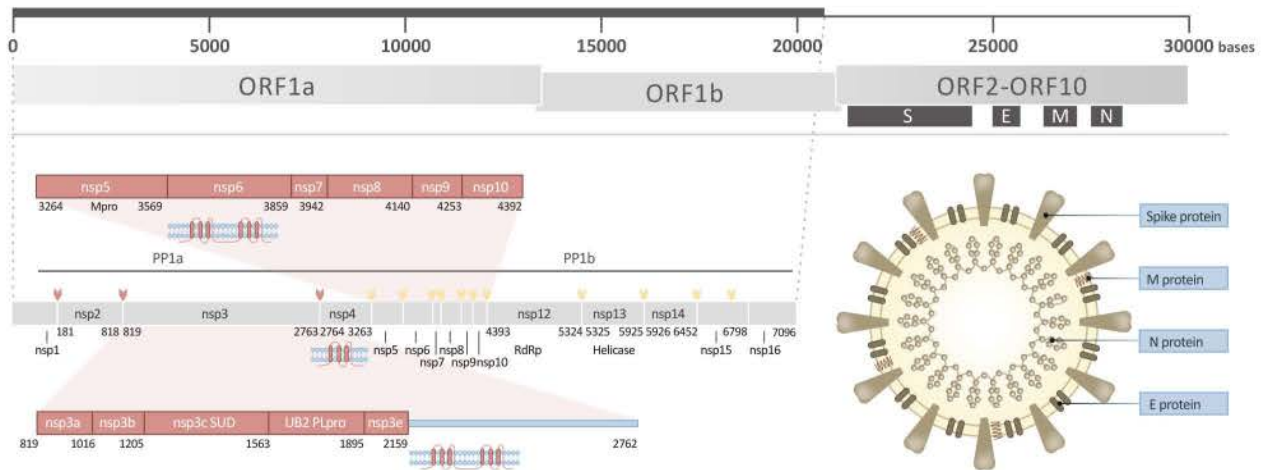
Universal Biotechnology Private Limited  
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Quality Antibodies · Quality Results

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# SARS-CoV-2 Research



The SARS-CoV-2 coronavirus has a ~29.9 kb positive-sense RNA genome that contains as many as 29 open reading frames. There are 16 nonstructural proteins (nsp), four structural proteins, and perhaps six or more accessory proteins.

## SARS-CoV-2 Variant Detection by GeneTex Spike Antibody Clones

| Targeted Region of Spike | Antibody Cat. No. | Clone   | WIV04/2019 (reference sequence) | B.1.351 (Beta) | P.1 (Gamma) | B.1.617.2 (Delta) | B.1.1.529 (Omicron) |
|--------------------------|-------------------|---------|---------------------------------|----------------|-------------|-------------------|---------------------|
| RBD                      | GTX635807         | HL1014  | ●                               | ●              | ●           | ●                 | ●                   |
| RBD                      | GTX635791         | HL1002  | ●                               | ●              | ●           | ●                 | X                   |
| RBD                      | GTX635792         | HL1003  | ●                               | ○              | ○           | ●                 | ●                   |
| RBD                      | GTX635793         | HL1004  | ●                               | ○              | ●           | ●                 | ●                   |
| S1                       | GTX635713         | HL13402 | ●                               | ●              | ●           | ●                 | X                   |
| S1                       | GTX635708         | GT263   | X                               | ○              | X           | Not Tested        | X                   |
| S2                       | GTX632604         | 1A9     | ●                               | ●              | ○           | ●                 | ○                   |
| S2                       | GTX635693         | HL237   | ○                               | ●              | X           | ●                 | ●                   |

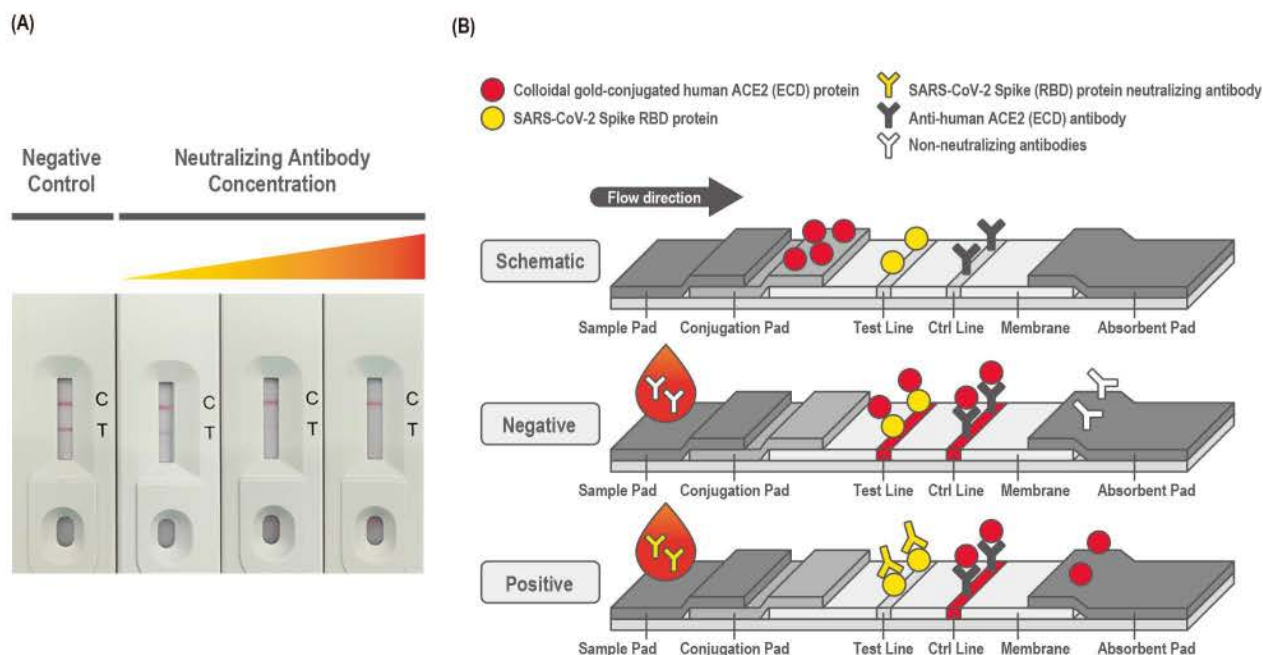
## Lateral Flow Assay (Recommended Antibody Pairs)

| Antibody Pair | Product Name                   | Clonality | EC50  | Cat. No.  |
|---------------|--------------------------------|-----------|-------|-----------|
| Pair I        | Nucleocapsid antibody [HL5511] | Rb recAb  | 14 pM | GTX635689 |
|               | Nucleocapsid antibody [HL448]  | Rb recAb  | 11 pM | GTX635686 |
| Pair II       | Nucleocapsid antibody [HL5410] | Rb recAb  | 9 pM  | GTX635685 |
|               | Nucleocapsid antibody [HL455]  | Rb recAb  | 6 pM  | GTX635688 |

Citation Support
 Recombinant
 KO/KD Validation
 Comparable Abs
 Orthogonal Validation



## Raw Materials for SARS-CoV-2 Neutralizing Antibody Rapid Test (Lateral Flow Assay)



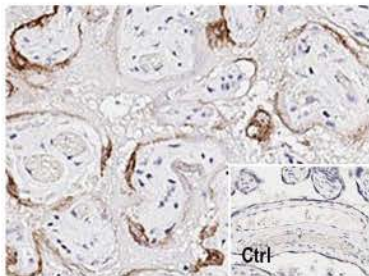
## Reagents for Neutralization Assay

| Product Name                                                     | Applications                                                 | Cat. No.      |
|------------------------------------------------------------------|--------------------------------------------------------------|---------------|
| Spike (ECD) protein, His tag (active)                            | ELISA, Functional Assay, Sandwich ELISA                      | GTX135972-pro |
| Spike (ECD) protein, B.1.1.7 / Alpha variant, His tag (active)   | ELISA, Functional Assay                                      | GTX136059-pro |
| Spike (ECD) protein, B.1.617.2 / Delta variant, His tag (active) | ELISA, Functional Assay, Sandwich ELISA                      | GTX136432-pro |
| Spike RBD protein, His tag (active)                              | ELISA, Sandwich ELISA                                        | GTX136090-pro |
| Spike RBD protein, B.1.1.7 / Alpha variant, His tag (active)     | ELISA, Functional Assay, Sandwich ELISA                      | GTX136014-pro |
| Spike RBD protein, B.1.617.2 / Delta variant, His tag (active)   | ELISA, Functional Assay                                      | GTX136332-pro |
| Spike RBD protein, AY.1 / Delta plus variant, His tag            | Functional Assay                                             | GTX136333-pro |
| Spike RBD antibody [HL1003-HU]                                   | ELISA, Neutralizing/Inhibition, Sandwich ELISA               | GTX635866     |
| Spike RBD antibody [HL1002]                                      | ELISA, Lateral Flow, Neutralizing/Inhibition, Sandwich ELISA | GTX635791     |
| Human ACE2 (ECD) protein, mouse IgG Fc tag (active)              | Binding Assay, ELISA, Functional Assay, Lateral Flow         | GTX135683-pro |
| ACE2 antibody [GT19410]                                          | WB, IHC-P, ELISA, Lateral Flow, Sandwich ELISA               | GTX635897     |

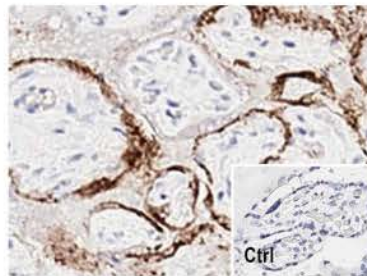
# SARS-CoV-2 Research

## Highlighted Products

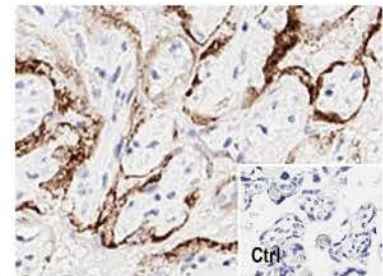
### Immunohistochemistry ▶



SARS-CoV / SARS-CoV-2 (COVID-19) Spike antibody [1A9] (GTX632604)

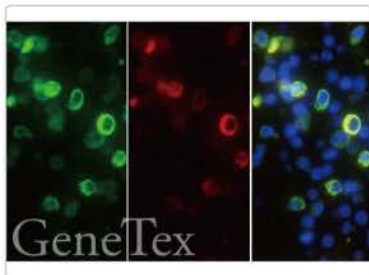


SARS-CoV-2 (COVID-19) Spike S1 antibody [HL6] (GTX635654)

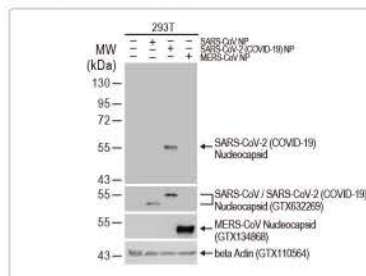


SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL344] (GTX635679)

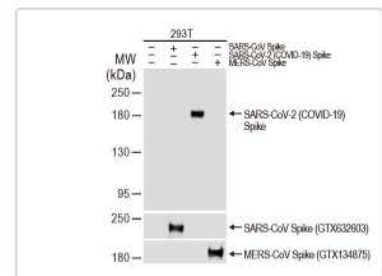
### Western Blot ▶



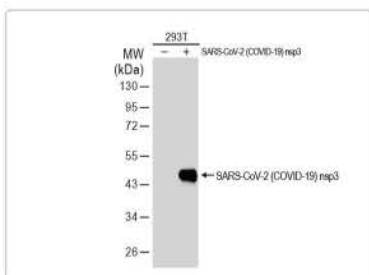
SARS-CoV-2 (COVID-19) Nucleocapsid antibody (GTX135357)



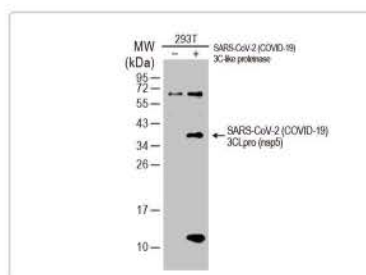
SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL5511] (GTX635689)



SARS-CoV-2 (COVID-19) Spike antibody (GTX135356)

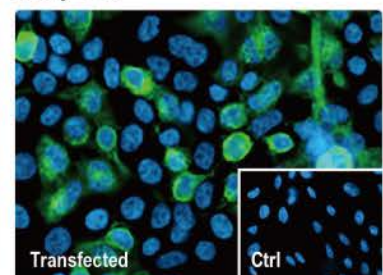


SARS-CoV-2 (COVID-19) nsp3 antibody (GTX135589)



SARS-CoV-2 (COVID-19) 3CLpro (nsp5) antibody (GTX135470)

### ICC / IF ▶

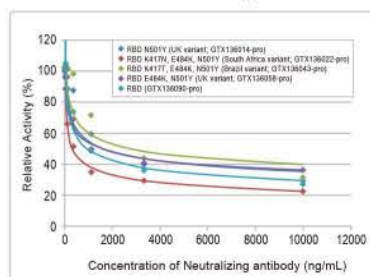


SARS-CoV-2 (COVID-19) Spike S2 antibody [HL1038] (GTX635910)

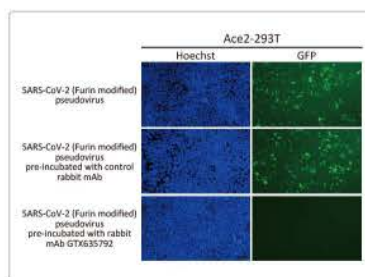
Citation Support Recombinant Orthogonal Validation

## Highlighted Products

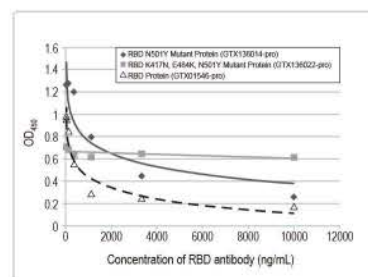
### Neutralization Assay ▶



SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1002] (GTx635791) 

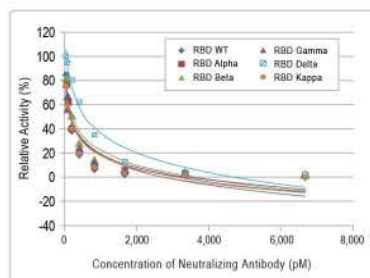


SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1003] (GTx635792) 

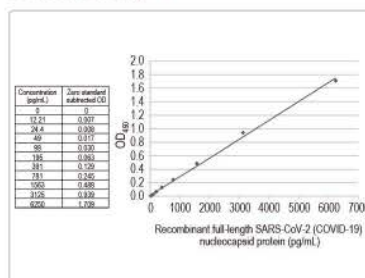


SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1004] (GTx635793) 

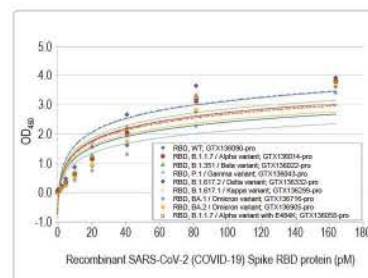
### ELISA Assay ▶



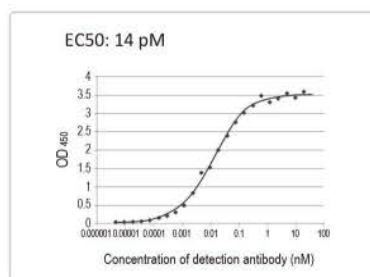
SARS-CoV-2 (COVID-19) Spike-ACE2 Binding / Neutralization Assay Kit (GTx536401) 



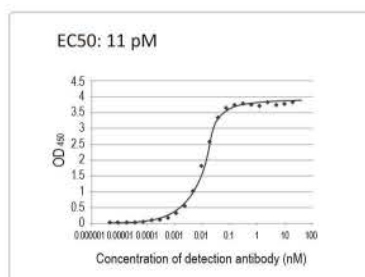
SARS-CoV-2 (COVID-19) Nucleocapsid Protein Sandwich ELISA Kit (GTx535824)



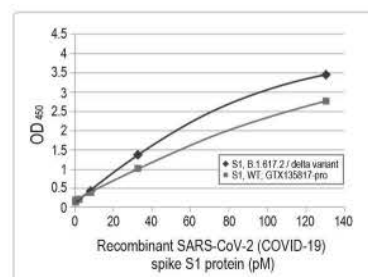
SARS-CoV-2 Spike-RBD Sandwich ELISA Kit (GTx536267)



SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL5511] (GTx635689) 



SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL448] (GTx635686) 

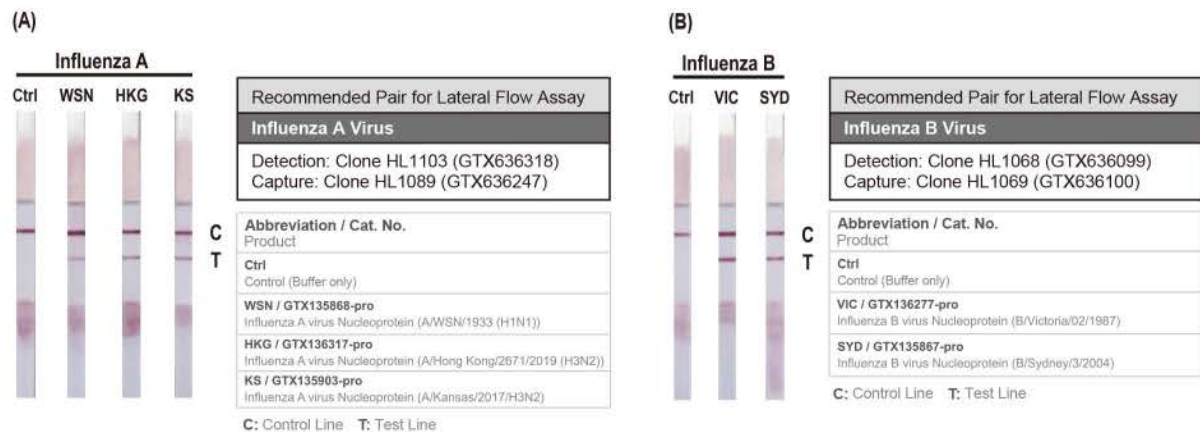


SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (GTx635807) & [HL1004] (GTx635793) 



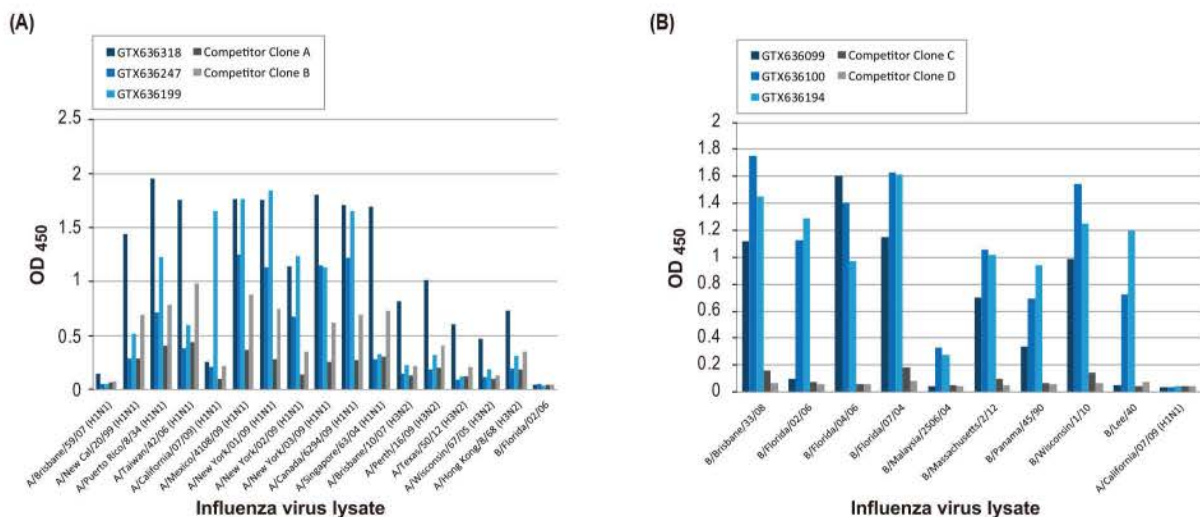
# Influenza Virus Research

GeneTex has expanded its already extensive reagent catalog for influenza virus research with a series of recombinant rabbit monoclonal antibodies targeting the influenza A virus (FLUAV) and influenza B virus (FLUBV) nucleoproteins (NPs). These high-quality antibodies are validated for use in lateral flow assay.



Recombinant NPs derived from influenza A virus (A) and influenza B virus (B) were detected by lateral flow assay using the indicated recombinant rabbit monoclonal antibody pairs and proteins.

Importantly, at least sixteen FLUAV strains and FLUBV strains can be detected by ELISA, western blot and immunohistochemistry, including FLUAV H1N1 and H3N2 subtypes. These recombinant antibodies showed higher sensitivities compared to a competitor's clones.



Indirect ELISA assays exhibit the comparative sensitivities of (A) FLUAV NP antibodies GTX636318, GTX636247, and GTX636199, as well as of (B) FLUBV NP antibodies GTX636099, GTX636100, and GTX636194, compared to a competitor's clones.





# Influenza Virus Research

## Featured recombinant proteins and antibodies for FLUAV research

|       | Product Name                                                              | Clonality | Applications                                    | Cat. No.      |
|-------|---------------------------------------------------------------------------|-----------|-------------------------------------------------|---------------|
|       | Influenza A virus Nucleoprotein (A/Kansas/2017/H3N2), DDDDK Tag           | N/A       | ELISA, Lateral Flow                             | GTX135903-pro |
|       | Influenza A virus Nucleoprotein (A/California/2009 (H1N1)), DDDDK Tag     | N/A       | ELISA                                           | GTX135904-pro |
|       | Influenza A virus Nucleoprotein (A/Hong Kong/2671/2019 (H3N2)), DDDDK Tag | N/A       | ELISA, Lateral Flow                             | GTX136317-pro |
|       | Influenza A virus Nucleoprotein (A/WSN/1933 (H1N1)), DDDDK Tag            | N/A       | ELISA, Lateral Flow, Sandwich ELISA             | GTX135868-pro |
| ⊕     | Influenza A virus Nucleoprotein antibody [GT1236]                         | Ms mAb    | WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA        | GTX629633     |
| ⊕     | Influenza A virus Nucleoprotein antibody [GT778]                          | Ms mAb    | WB                                              | GTX629544     |
| ⓂⓂⓂ   | Influenza A virus Nucleoprotein antibody [HL1078]                         | Rb mAb    | WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA | GTX636199     |
| ⓂⓂⓂⓂⓂ | Influenza A virus Nucleoprotein antibody [HL1089]                         | Rb mAb    | WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA | GTX636247     |
| ⓂⓂⓂ   | Influenza A virus Nucleoprotein antibody [HL1098]                         | Rb mAb    | WB, ICC/IF, ELISA, Sandwich ELISA               | GTX636282     |
| ⓂⓂⓂ   | Influenza A virus Nucleoprotein antibody [HL1103]                         | Rb mAb    | WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA | GTX636318     |
| ⓂⓂⓂⓂⓂ | Influenza A virus Nucleoprotein antibody                                  | Rb pAb    | WB, ICC/IF, IHC-P, IP, ELISA, Sandwich ELISA    | GTX125989     |
| ⊕     | Influenza A virus H1N1 HA (Hemagglutinin) antibody                        | Rb pAb    | WB, ICC/IF, IHC-P, ELISA                        | GTX127357     |
|       | Influenza A virus H1N1 HA (Hemagglutinin) antibody [GT223]                | Ms mAb    | WB, ICC/IF                                      | GTX629750     |
| ⊕     | Influenza A virus H1N1 HA (Hemagglutinin) antibody [GT521]                | Ms mAb    | WB                                              | GTX629746     |
| ⓂⓂⓂ   | Influenza A virus H1N1 NA (Neuraminidase) antibody                        | Rb pAb    | WB, ICC/IF                                      | GTX125974     |
| ⊕     | Influenza A virus H1N1 NA (Neuraminidase) antibody [GT288]                | Ms mAb    | WB, ICC/IF                                      | GTX629696     |
| ⓂⓂⓂ   | Influenza A virus H3N2 HA (Hemagglutinin) antibody                        | Rb pAb    | WB, IHC-P                                       | GTX127363     |
| ⓂⓂⓂ   | Influenza A virus M1 (Matrix protein) antibody                            | Rb pAb    | WB, ICC/IF, IHC-Fr                              | GTX125928     |
| ⊕     | Influenza A virus M1 (Matrix protein) antibody                            | Rb pAb    | WB, ELISA                                       | GTX127356     |
| ⊕     | Influenza A virus M2 (Matrix protein) antibody                            | Rb pAb    | WB, ICC/IF                                      | GTX125951     |
| ⓂⓂⓂ   | Influenza A virus NS1 (nonstructural protein) antibody                    | Rb pAb    | WB, ICC/IF, IHC-P                               | GTX125990     |
| ⊕     | Influenza A virus NS1 (nonstructural protein) antibody [GT1653]           | Ms mAb    | WB                                              | GTX633685     |
| ⓂⓂⓂ   | Influenza A virus NS2 / NEP antibody                                      | Rb pAb    | WB, ICC/IF                                      | GTX125953     |
| ⊕     | Influenza A virus NS2 / NEP antibody                                      | Rb pAb    | WB                                              | GTX125952     |
| ⊕     | Influenza A virus PA protein antibody                                     | Rb pAb    | WB, ICC/IF                                      | GTX118991     |
| ⊕     | Influenza A virus PA protein antibody                                     | Rb pAb    | WB, ICC/IF                                      | GTX125932     |
| ⊕     | Influenza A virus PB1 protein antibody                                    | Rb pAb    | WB, ICC/IF                                      | GTX125923     |
| ⓂⓂⓂ   | Influenza A virus PB2 protein antibody                                    | Rb pAb    | WB, ICC/IF                                      | GTX125926     |

 Citation Support
  Recombinant
  Comparable Abs
  Orthogonal Validation
  Protein Overexpression

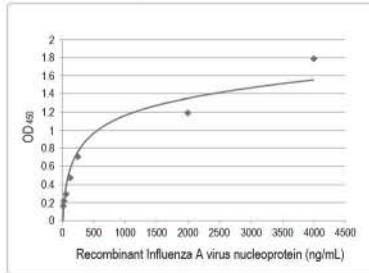
## Featured recombinant proteins and antibodies for FLUBV research

|                                                                                     | Product Name                                                    | Clonality | Applications                                    | Cat. No.      |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------|-------------------------------------------------|---------------|
|                                                                                     | Influenza B virus Nucleoprotein (B/Sydney/3/2004), DDDDK Tag    | N/A       | ELISA, Lateral Flow                             | GTX135867-pro |
|                                                                                     | Influenza B virus Nucleoprotein (B/Victoria/02/1987), DDDDK Tag | N/A       | ELISA, Lateral Flow                             | GTX136277-pro |
|    | Influenza B virus Nucleoprotein antibody [HL1068]               | Rb mAb    | WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA | GTX636099     |
|    | Influenza B virus Nucleoprotein antibody [HL1069]               | Rb mAb    | WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA | GTX636100     |
|    | Influenza B virus Nucleoprotein antibody [HL1073]               | Rb mAb    | WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA | GTX636194     |
|                                                                                     | Influenza B virus Nucleoprotein antibody [GT371]                | Ms mAb    | WB, ICC/IF, ELISA, Sandwich ELISA               | GTX629882     |
|                                                                                     | Influenza B virus Nucleoprotein antibody [GT382]                | Ms mAb    | WB, ICC/IF, ELISA, Sandwich ELISA               | GTX629883     |
|  | Influenza B virus Nucleoprotein antibody                        | Rb pAb    | WB, ICC/IF, ELISA, Sandwich ELISA               | GTX128538     |
|  | Influenza B virus Nucleoprotein antibody                        | Rb pAb    | WB, ICC/IF, ELISA, Sandwich ELISA               | GTX128539     |
|                                                                                     | Influenza B virus Nucleoprotein antibody                        | Rb pAb    | WB, IHC-P (cell pellet)                         | GTX135819     |
|                                                                                     | Influenza B virus Hemagglutinin (HA) antibody                   | Rb pAb    | WB, ICC/IF                                      | GTX128543     |
|                                                                                     | Influenza B virus Hemagglutinin (HA) antibody                   | Rb pAb    | WB, ICC/IF                                      | GTX128542     |
|                                                                                     | Influenza B virus M (Matrix protein) antibody                   | Rb pAb    | WB, ICC/IF                                      | GTX128537     |
|                                                                                     | Influenza B virus M (Matrix protein) antibody                   | Rb pAb    | WB                                              | GTX128536     |
|                                                                                     | Influenza B virus Neuraminidase (NA) antibody                   | Rb pAb    | ICC/IF                                          | GTX128541     |
|                                                                                     | Influenza B virus Neuraminidase (NA) antibody                   | Rb pAb    | ICC/IF                                          | GTX128540     |

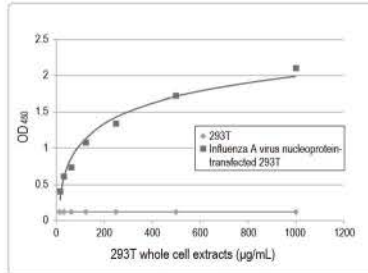
# Influenza Virus Research

## Highlighted Products

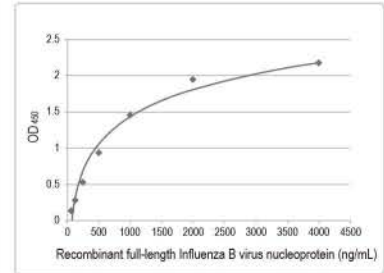
### ELISA Assay ►



Influenza A virus Nucleoprotein antibody [GT1236] (GTX629633)

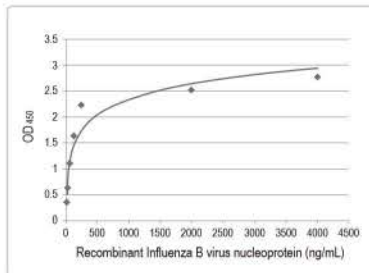


Influenza A virus Nucleoprotein antibody (GTX125989)

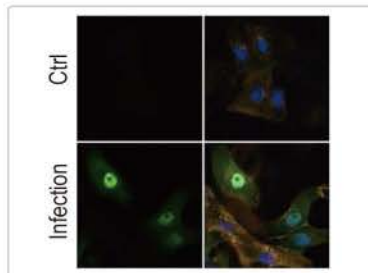


Influenza B virus Nucleoprotein antibody [GT371] (GTX629882)

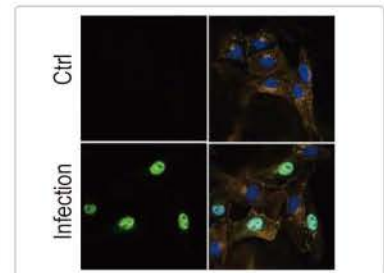
### Immunocytochemistry ►



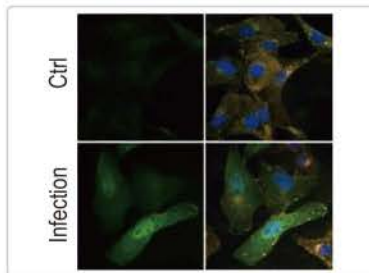
Influenza B virus Nucleoprotein antibody (GTX128539)



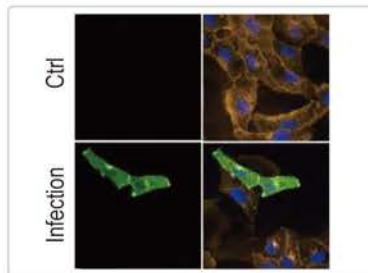
Influenza A virus PB1 protein antibody (GTX125923)



Influenza A virus PB2 protein antibody (GTX125926)



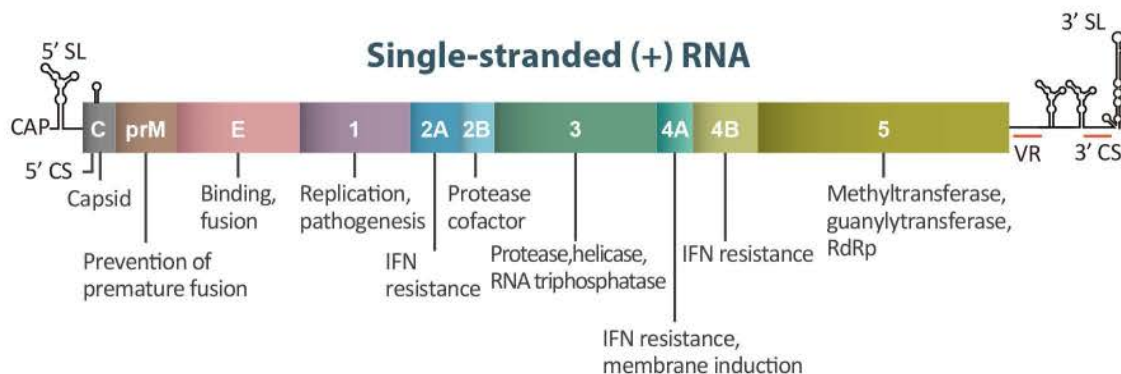
Influenza A virus PA protein antibody (GTX118991)



Influenza A virus M2 (Matrix protein) antibody (GTX125951)



# Dengue Virus Research



Dengue virus (DENV) belongs to the genus *Flavivirus* and possesses a positive-sense RNA genome of approximately 10.6 kb that contains a single open reading frame encoding a polyprotein. This is cleaved by cellular and viral proteases into three structural proteins (Capsid protein C, Membrane protein M, Envelope protein E), and seven nonstructural proteins (NS1, NS2a, NS2b, NS3, NS4a, NS4b, NS5).

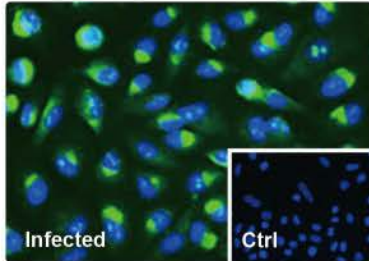
| Product Name                                                                                                                              | Clonality | Applications                       | Cat. No.  |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------|-----------|
|  Dengue virus Capsid protein antibody                  | Rb pAb    | WB, ICC/IF, FACS                   | GTX103343 |
|  Dengue virus Capsid protein antibody                  | Rb pAb    | WB, ICC/IF, ELISA                  | GTX124247 |
|  Dengue virus Capsid protein antibody [GT574]          | Ms mAb    | WB, ICC/IF, IHC-P                  | GTX633632 |
|  Dengue virus Envelope protein antibody                | Rb pAb    | WB, ICC/IF, IHC-P, ELISA           | GTX127277 |
|  Dengue virus Envelope protein antibody [GT643]        | Ms mAb    | WB, ICC/IF, IHC-P, FACS            | GTX629117 |
|  Dengue virus NS1 protein antibody                     | Rb pAb    | WB, ICC/IF, IHC-P, FACS, IP, ELISA | GTX124280 |
|  Dengue virus NS1 protein antibody [GT1061]            | Ms mAb    | WB, ICC/IF                         | GTX630557 |
|  Dengue virus NS1 protein antibody [GT4212]            | Ms mAb    | WB, ICC/IF                         | GTX630556 |
|  Dengue virus NS2B protein antibody                    | Rb pAb    | WB, ICC/IF                         | GTX124246 |
|  Dengue virus NS3 protein antibody                     | Rb pAb    | WB, ICC/IF, IHC-P, FACS, IP, IHC   | GTX124252 |
|  Dengue virus NS3 protein antibody [GT2811]            | Ms mAb    | WB, ICC/IF                         | GTX629477 |
|  Dengue virus NS4A protein antibody                    | Rb pAb    | WB, ICC/IF, IHC-P                  | GTX132069 |
|  Dengue virus NS4B protein antibody                    | Rb pAb    | WB, ICC/IF, FACS                   | GTX124250 |
|  Dengue virus NS5 protein antibody                     | Rb pAb    | WB, ICC/IF                         | GTX103350 |
|  Dengue virus NS5 protein antibody                     | Rb pAb    | WB, ICC/IF, FACS                   | GTX124253 |
|  Dengue virus prM protein antibody                     | Rb pAb    | WB, ICC/IF                         | GTX128092 |
|  Dengue virus prM protein antibody                     | Rb pAb    | WB, ICC/IF                         | GTX128093 |
|  Dengue virus prM protein antibody                     | Rb pAb    | WB                                 | GTX134828 |
|  Dengue virus Type 1, 2, 3 & 4 antibody [D1-11(3)]     | Ms mAb    | WB, ICC/IF, ELISA                  | GTX29202  |
|  Dengue virus Type 2 antibody [NYRDeng2]               | Ms mAb    | WB, ELISA                          | GTX41428  |
|  Dengue virus Type 2 Envelope protein antibody [B932M] | Ms mAb    | WB, ICC/IF, IP                     | GTX43296  |
|  Dengue virus Type 2 NS4B protein antibody             | Rb pAb    | WB                                 | GTX113374 |
|  Dengue virus Type 2 NS5 protein antibody [GT353]      | Ms mAb    | WB, ICC/IF, IP                     | GTX629446 |
|  Dengue virus Type 2 NS5 protein antibody [GT361]      | Ms mAb    | WB, ICC/IF                         | GTX629447 |

 Citation Support  Orthogonal Validation

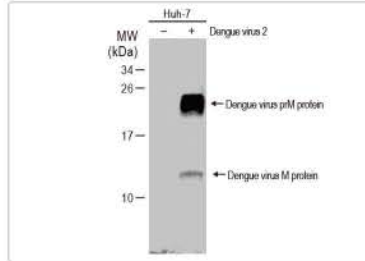
# Dengue Virus Research

## Highlighted Products

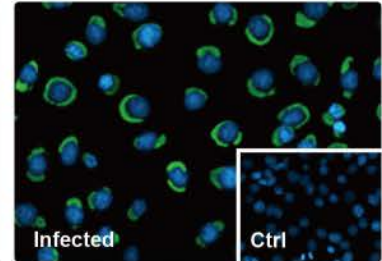
### Structural Protein Antibodies ►



Dengue virus Capsid protein antibody [GT574] (GTX633632)

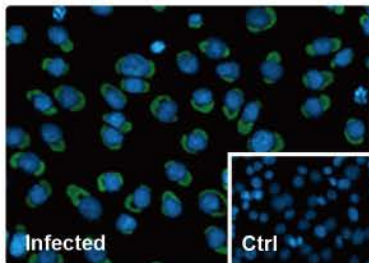


Dengue virus prM protein antibody (GTX134828)

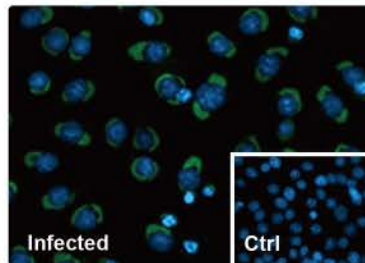


Dengue virus prM protein antibody (GTX128092)

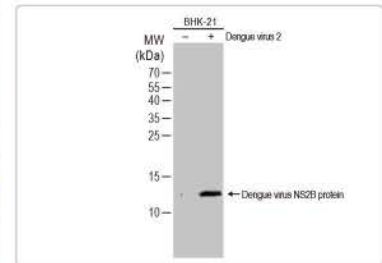
### Nonstructural Protein Antibodies ►



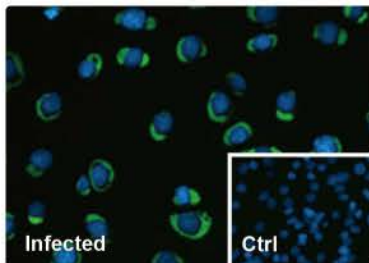
Dengue virus Envelope protein antibody [GT643] (GTX629117)



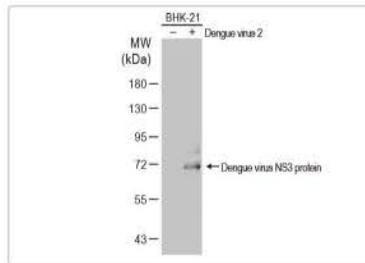
Dengue virus NS1 protein antibody [GT4212] (GTX630556)



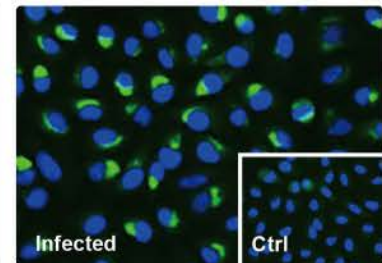
Dengue virus NS2B protein antibody (GTX124246)



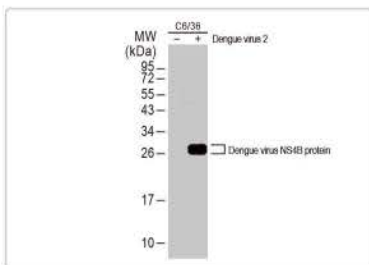
Dengue virus NS3 protein antibody [GT2811] (GTX629477)



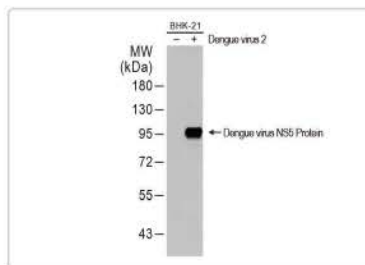
Dengue virus NS3 protein antibody (GTX124252)



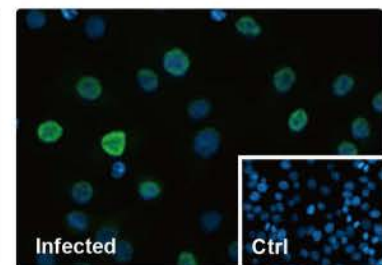
Dengue virus NS4A protein antibody (GTX132069)



Dengue virus NS4B protein antibody (GTX124250)

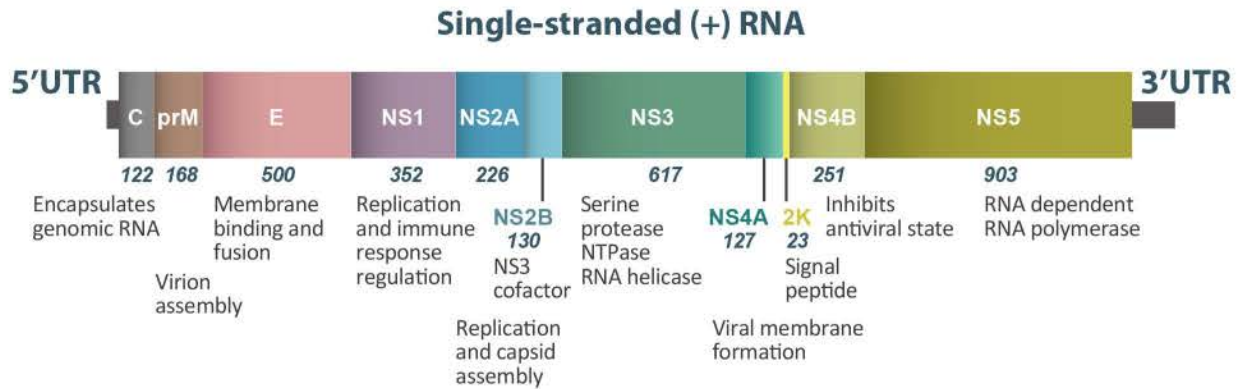


Dengue virus NS5 protein antibody (GTX124253)



Dengue virus Type 2 NS5 protein antibody [GT361] (GTX629447)

# Zika Virus Research



Zika virus (ZIKV) is another flavivirus with a positive-sense RNA genome of approximately 11 kb encoding a single open reading frame that generates a polyprotein. The polyprotein is cleaved into three structural (Capsid, precursor Membrane or Membrane, Envelope) and seven nonstructural (NS1, NS2a, NS2b, NS3, NS4a, NS4b, and NS5) proteins.

|   | Product Name                                 | Clonality | Applications                           | Cat. No.  |
|---|----------------------------------------------|-----------|----------------------------------------|-----------|
| 🔍 | Zika virus Capsid protein antibody           | Rb pAb    | WB, ICC/IF                             | GTX133317 |
| 🔍 | Zika virus Envelope protein antibody         | Rb pAb    | WB, ICC/IF, IHC-P                      | GTX133314 |
| 🔍 | Zika virus Envelope protein antibody         | Rb pAb    | WB, ICC/IF, ELISA, Sandwich ELISA      | GTX133325 |
| 🔍 | Zika virus Envelope protein antibody [GT363] | Ms mAb    | WB, ICC/IF, ELISA, IHC, Sandwich ELISA | GTX634155 |
| 🔍 | Zika virus Envelope protein antibody [GT871] | Ms mAb    | WB, ICC/IF, ELISA, Sandwich ELISA      | GTX634157 |
| 🔍 | Zika virus NS1 protein antibody              | Rb pAb    | WB, ICC/IF, ELISA, Sandwich ELISA      | GTX133307 |
| 🔍 | Zika virus NS1 protein antibody              | Rb pAb    | WB, ICC/IF, ELISA, Sandwich ELISA      | GTX133306 |
| 🔍 | Zika virus NS1 protein antibody              | Rb pAb    | WB, ICC/IF, ELISA, Sandwich ELISA      | GTX133323 |
| 🔍 | Zika virus NS1 protein antibody [GT281]      | Ms mAb    | WB, ICC/IF, IHC-P                      | GTX634159 |
| 🔍 | Zika virus NS1 protein antibody [GT5212]     | Ms mAb    | WB, ICC/IF, ELISA, Sandwich ELISA      | GTX634158 |
| 🔍 | Zika virus NS2B protein antibody             | Rb pAb    | WB, ICC/IF, IHC-P, IHC-Fr              | GTX133308 |
| 🔍 | Zika virus NS2B protein antibody             | Rb pAb    | WB, ICC/IF                             | GTX133318 |
| 🔍 | Zika virus NS3 protein antibody              | Rb pAb    | WB, ICC/IF, IHC-P                      | GTX133309 |
| 🔍 | Zika virus NS3 protein antibody              | Rb pAb    | WB, ICC/IF                             | GTX133320 |
| 🔍 | Zika virus NS4A protein antibody             | Rb pAb    | WB, ICC/IF                             | GTX133704 |
| 🔍 | Zika virus NS4B protein antibody             | Rb pAb    | WB, ICC/IF, IHC-Fr, FACS               | GTX133311 |
| 🔍 | Zika virus NS4B protein antibody             | Rb pAb    | WB, ICC/IF                             | GTX133321 |
| 🔍 | Zika virus NS5 protein antibody              | Rb pAb    | WB, ICC/IF                             | GTX133312 |
| 🔍 | Zika virus NS5 protein antibody              | Rb pAb    | WB, ICC/IF, IP                         | GTX133327 |
| 🔍 | Zika virus prM protein antibody              | Rb pAb    | WB, ICC/IF, IP                         | GTX133305 |

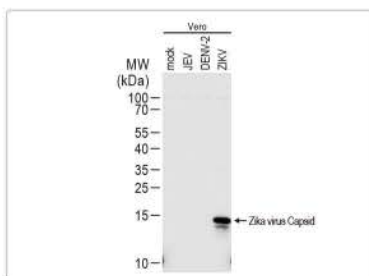
🔍 Citation Support    🔄 Orthogonal Validation



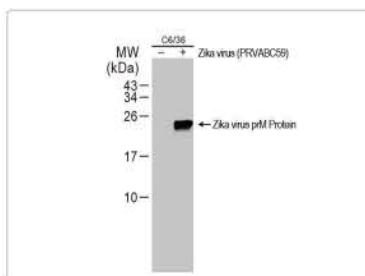
# Zika Virus Research

## Highlighted Products

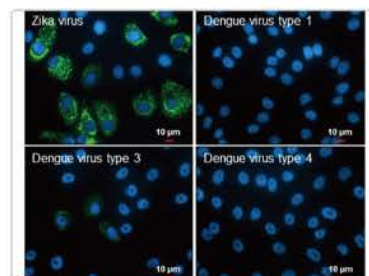
### Structural Protein Antibodies



Zika virus Capsid protein antibody  
(GTX133317)  

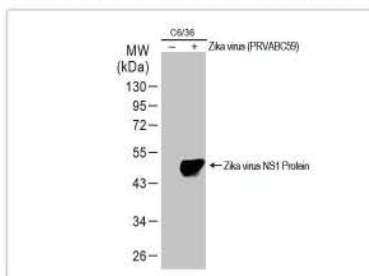


Zika virus prM protein antibody  
(GTX133305) 

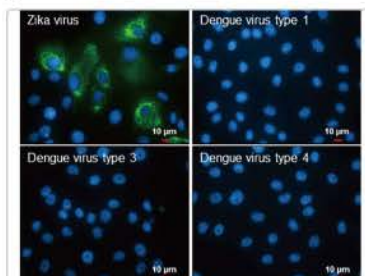


Zika virus Envelope protein antibody  
(GTX133314) 

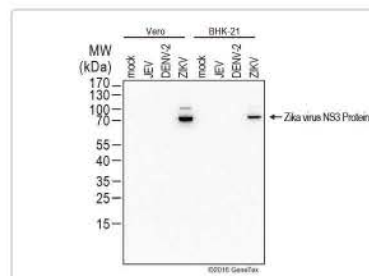
### Nonstructural Protein Antibodies



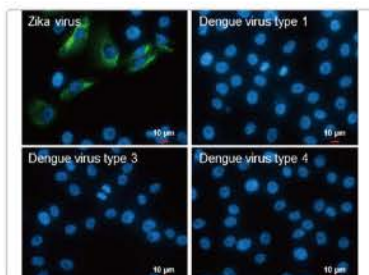
Zika virus NS1 protein antibody  
(GTX133307) 



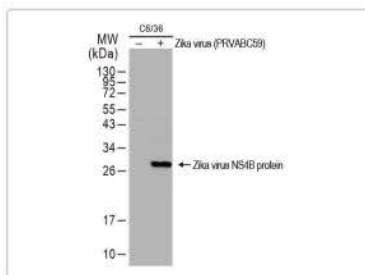
Zika virus NS2B protein antibody  
(GTX133308)  



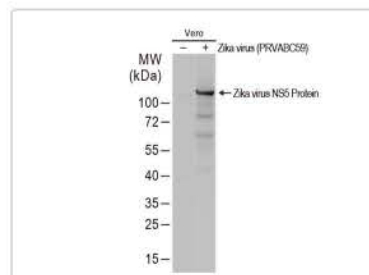
Zika virus NS3 protein antibody  
(GTX133309)  



Zika virus NS4A protein antibody  
(GTX133704) 



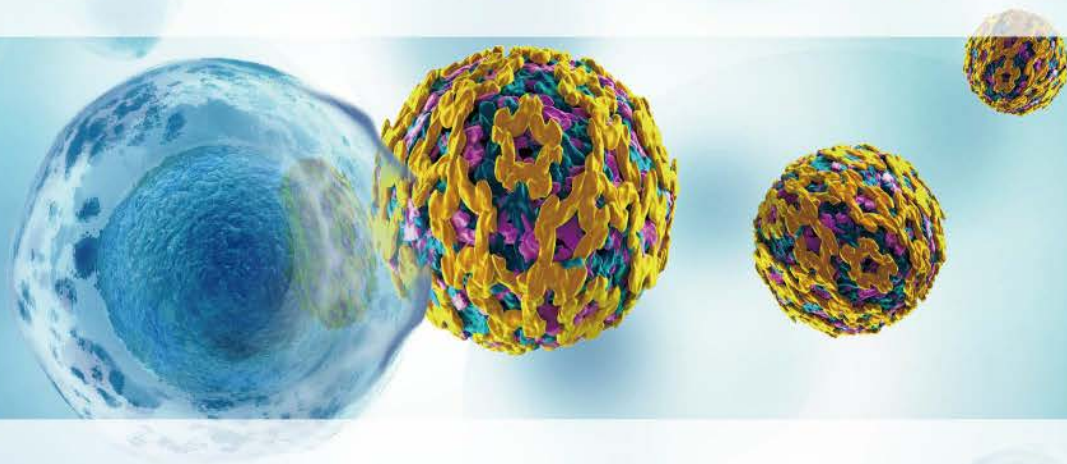
Zika virus NS4B protein antibody  
(GTX133321)  



Zika virus NS5 protein antibody  
(GTX133327) 



# Yellow Fever Virus



Yellow fever virus (YFV) is a positive-sense RNA virus with a genome of approximately 11 kb. Similar to other viruses in the family *Flaviviridae*, the genome of YFV encodes a polyprotein that is cleaved into three structural proteins (Capsid, precursor Membrane or Membrane, Envelope) and seven nonstructural proteins (NS1, NS2A, NS2B, NS3, NS4A, NS4B, and NS5).

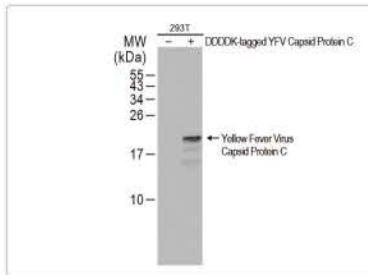
| Product Name                                 | Clonality | Applications | Cat. No.  |
|----------------------------------------------|-----------|--------------|-----------|
| Yellow fever virus Capsid protein C antibody | Rb pAb    | WB, ICC/IF   | GTX134022 |
| Yellow fever virus Envelope protein antibody | Rb pAb    | WB, ICC/IF   | GTX134024 |
| Yellow fever virus NS1 protein antibody      | Rb pAb    | WB, ICC/IF   | GTX134025 |
| Yellow fever virus NS1 protein antibody      | Rb pAb    | WB           | GTX134026 |
| Yellow fever virus NS2B protein antibody     | Rb pAb    | WB, ICC/IF   | GTX134028 |
| Yellow fever virus NS3 protein antibody      | Rb pAb    | WB           | GTX133958 |
| Yellow fever virus NS3 protein antibody      | Rb pAb    | WB, ICC/IF   | GTX133959 |
| Yellow fever virus NS4B protein antibody     | Rb pAb    | WB, ICC/IF   | GTX134030 |
| Yellow fever virus NS5 protein antibody      | Rb pAb    | WB, ICC/IF   | GTX134141 |
| Yellow fever virus prM protein antibody      | Rb pAb    | WB, ICC/IF   | GTX133957 |

 Citation Support

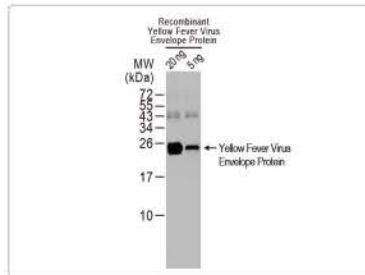
# Yellow Fever Virus

## Highlighted Products

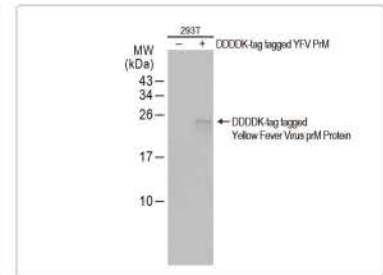
### Structural Protein Antibodies



Yellow fever virus Capsid protein C antibody (GTX134022) 

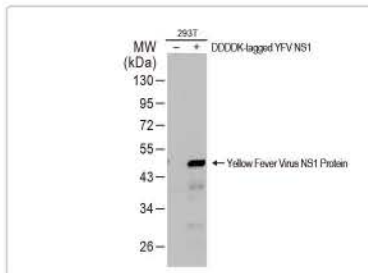


Yellow fever virus Envelope protein antibody (GTX134024) 

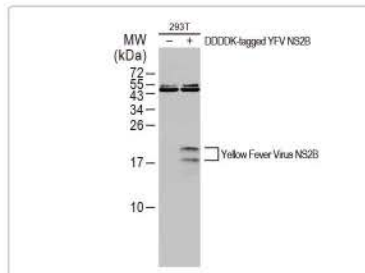


Yellow fever virus prM protein antibody (GTX133957) 

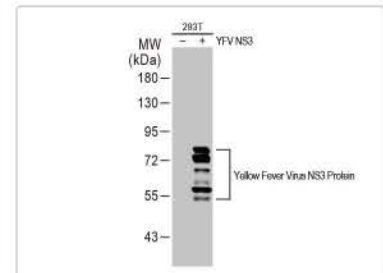
### Nonstructural Protein Antibodies



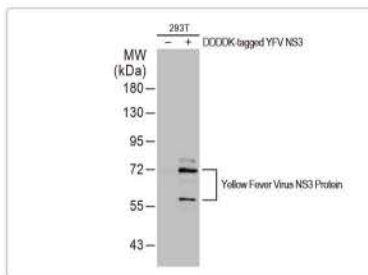
Yellow fever virus NS1 protein antibody (GTX134025) 



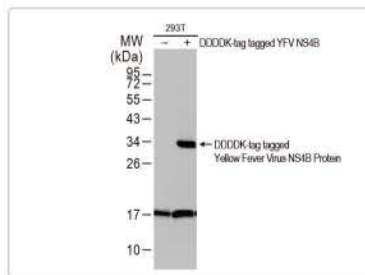
Yellow fever virus NS2B protein antibody (GTX134028) 



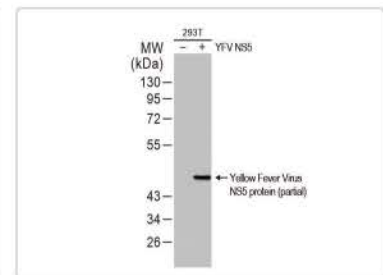
Yellow fever virus NS3 protein antibody (GTX133958) 



Yellow fever virus NS3 protein antibody (GTX133959) 

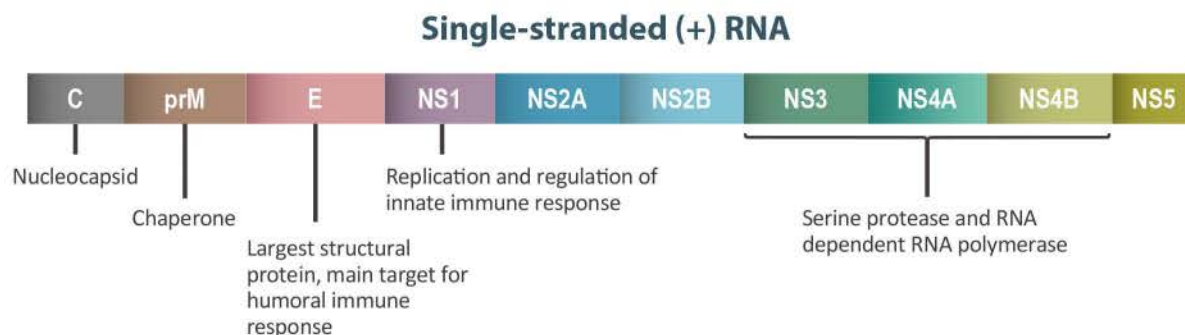


Yellow fever virus NS4B protein antibody (GTX134030) 



Yellow fever virus NS5 protein antibody (GTX134141) 

# Japanese Encephalitis Virus



Japanese encephalitis virus (JEV) possesses a positive-sense RNA genome packaged in a spherical nucleocapsid like other flaviviruses. The genome contains a single open reading frame encoding a polyprotein that is cleaved into three structural (Core/Capsid, precursor Membrane or Membrane, Envelope) and seven nonstructural (NS1, NS2A, NS2B, NS3, NS4A, NS4B, NS5) proteins.

| Product Name                                                 | Clonality | Applications              | Cat. No.  |
|--------------------------------------------------------------|-----------|---------------------------|-----------|
| Japanese encephalitis virus Core protein C antibody          | Rb pAb    | WB, ICC/IF                | GTX131368 |
| Japanese encephalitis virus Core protein C antibody [GT1178] | Ms mAb    | WB                        | GTX634153 |
| Japanese encephalitis virus Core protein C antibody [GT127]  | Ms mAb    | WB, ICC/IF                | GTX634152 |
| Japanese encephalitis virus Envelope antibody                | Rb pAb    | WB, ICC/IF, IHC-P         | GTX125867 |
| Japanese encephalitis virus NS1 antibody                     | Rb pAb    | WB, ICC/IF                | GTX131370 |
| Japanese encephalitis virus NS1 antibody                     | Rb pAb    | WB, ICC/IF                | GTX131369 |
| Japanese encephalitis virus NS1' antibody                    | Rb pAb    | WB, ICC/IF                | GTX132499 |
| Japanese encephalitis virus NS1' antibody [GT1345]           | Ms mAb    | WB, ICC/IF                | GTX633962 |
| Japanese encephalitis virus NS1 antibody [GT1410]            | Ms mAb    | WB, ICC/IF, IHC-P         | GTX633820 |
| Japanese encephalitis virus NS1 antibody [GT1448]            | Ms mAb    | WB, ICC/IF                | GTX633819 |
| Japanese encephalitis virus NS1' antibody [GT25111]          | Ms mAb    | WB, ICC/IF                | GTX633961 |
| Japanese encephalitis virus NS2B antibody                    | Rb pAb    | WB, ICC/IF                | GTX125972 |
| Japanese encephalitis virus NS3 antibody                     | Rb pAb    | WB, ICC/IF, IHC-P, IHC-Fr | GTX125868 |
| Japanese encephalitis virus NS4A antibody                    | Rb pAb    | WB                        | GTX132028 |
| Japanese encephalitis virus NS4B antibody                    | Rb pAb    | WB, ICC/IF                | GTX125865 |
| Japanese encephalitis virus NS5 antibody                     | Rb pAb    | WB, ICC/IF                | GTX131359 |
| Japanese encephalitis virus NS5 antibody                     | Rb pAb    | WB, ICC/IF                | GTX131360 |
| Japanese encephalitis virus prM antibody                     | Rb pAb    | WB, ICC/IF                | GTX131833 |

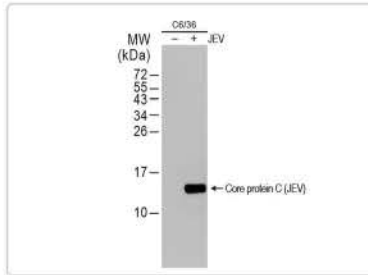
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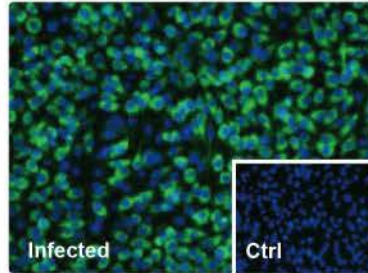
# Japanese Encephalitis Virus

## Highlighted Products

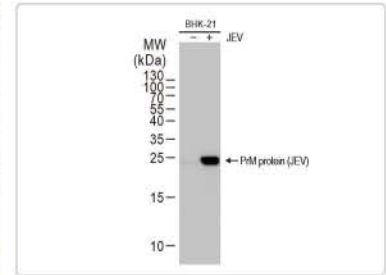
### Structural Protein Antibodies ▶



Japanese encephalitis virus Core protein C antibody [GT127] (GTX634152)

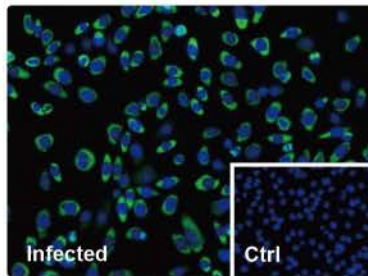


Japanese encephalitis virus Core protein C antibody (GTX131368)

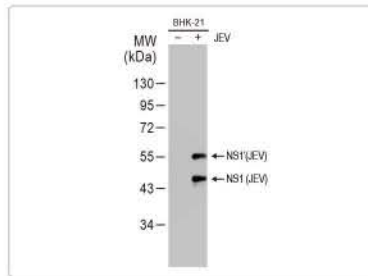


Japanese encephalitis virus prM antibody (GTX131833)

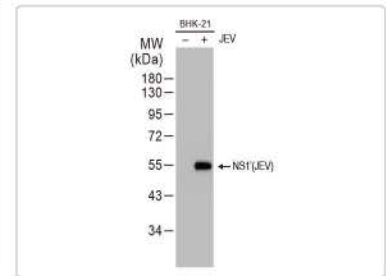
### Nonstructural Protein Antibodies ▶



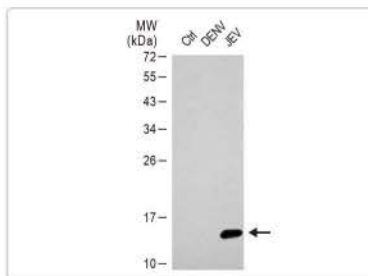
Japanese encephalitis virus Envelope antibody (GTX125867)



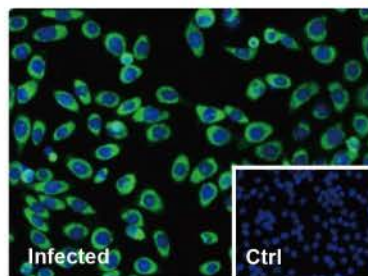
Japanese encephalitis virus NS1 antibody [GT1410] (GTX633820)



Japanese encephalitis virus NS1' antibody [GT25111] (GTX633961)



Japanese encephalitis virus NS2B antibody (GTX125972)

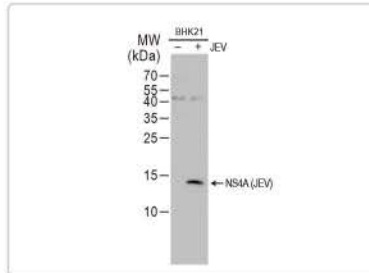


Japanese encephalitis virus NS3 antibody (GTX125868)

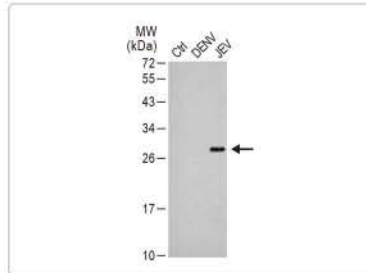


## Highlighted Products

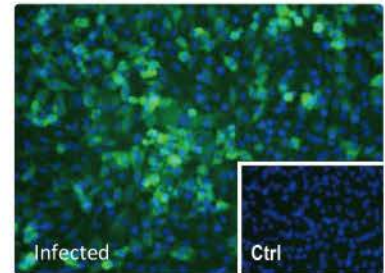
### Nonstructural Protein Antibodies



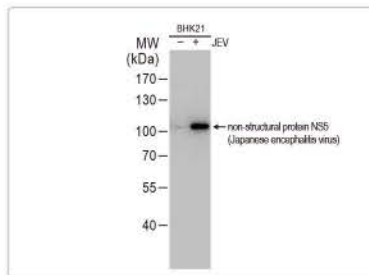
Japanese encephalitis virus NS4A antibody (GTX132028)



Japanese encephalitis virus NS4B antibody (GTX125865) 

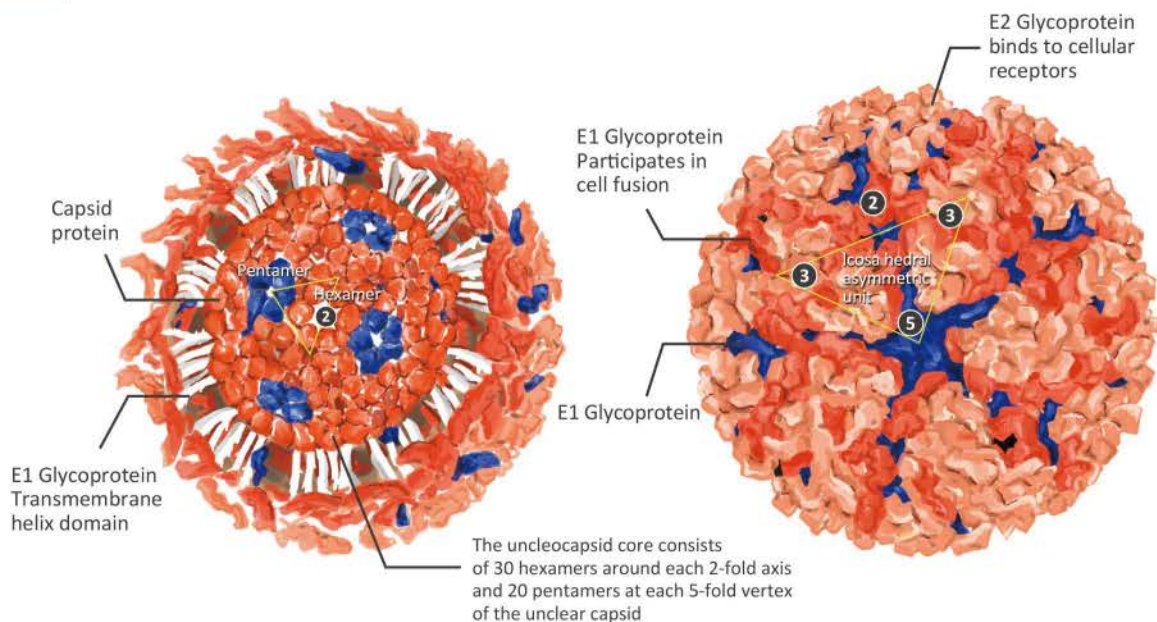


Japanese encephalitis virus NS5 antibody (GTX131359) 

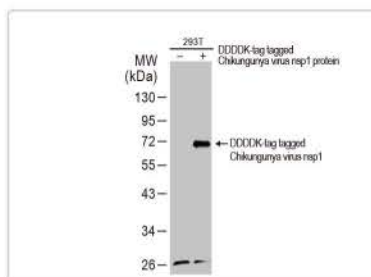


Japanese encephalitis virus NS5 antibody (GTX131360)

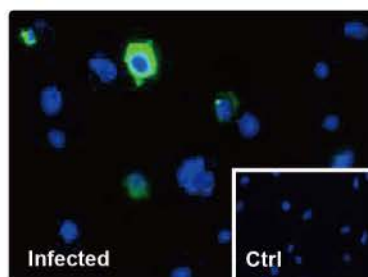
# Chikungunya Virus



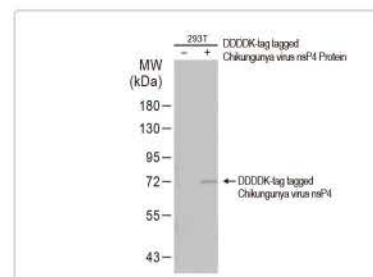
## Highlighted Products



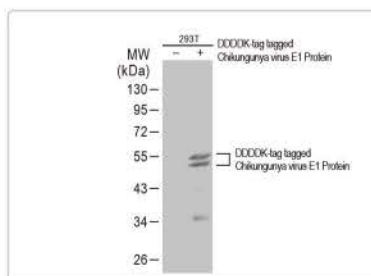
Chikungunya virus nsP1 antibody (GTX135191)



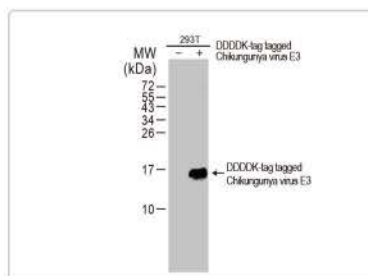
Chikungunya virus nsP3 antibody (GTX135189)



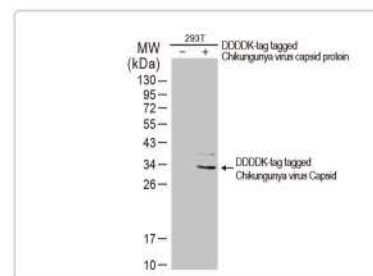
Chikungunya virus nsP4 antibody (GTX135190)



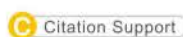
Chikungunya virus E1 antibody (GTX135187) 



Chikungunya virus E3 antibody (GTX135184)

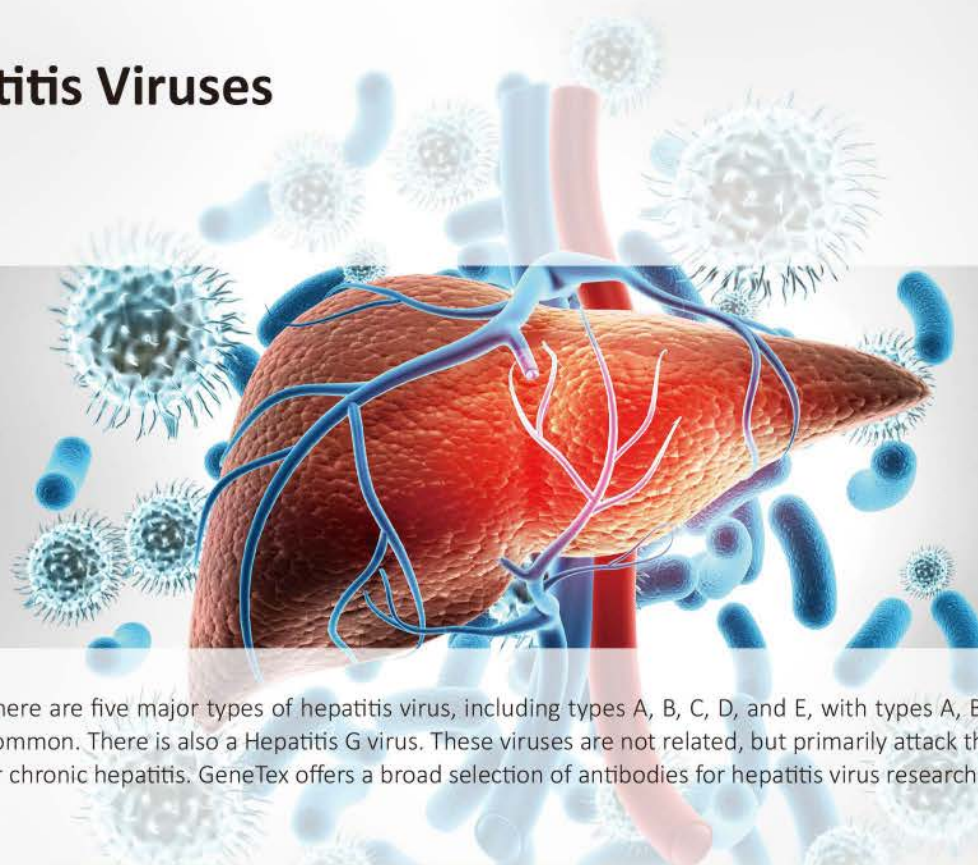


Chikungunya virus Capsid antibody (GTX135183)





# Hepatitis Viruses



There are five major types of hepatitis virus, including types A, B, C, D, and E, with types A, B, and C being the most common. There is also a Hepatitis G virus. These viruses are not related, but primarily attack the liver and cause acute or chronic hepatitis. GeneTex offers a broad selection of antibodies for hepatitis virus research.

| Product Name                                                  | Clonality | Applications                   | Cat. No.  |
|---------------------------------------------------------------|-----------|--------------------------------|-----------|
| Hepatitis A virus antibody [1885]                             | Ms mAb    | ICC/IF, ELISA                  | GTX36854  |
| Hepatitis A virus Surface Antigen antibody [BGN/B5B3 (B5-B3)] | Ms mAb    | ELISA, IRMA                    | GTX40741  |
| Hepatitis A virus VP3 antibody [1881]                         | Ms mAb    | ICC/IF, ELISA, IHC             | GTX36855  |
| ⊕ Hepatitis B virus Core Antigen antibody [10E11]             | Ms mAb    | WB, ICC/IF, IP, ELISA, IHC     | GTX18686  |
| ⊕ Hepatitis B virus Core Antigen antibody [C1]                | Ms mAb    | WB, ICC/IF, IP, ELISA, IHC, IM | GTX40523  |
| Hepatitis B virus E antigen antibody [1892]                   | Ms mAb    | ELISA, Sandwich ELISA          | GTX36852  |
| Hepatitis B virus Surface Antigen antibody                    | Goat pAb  | WB, ICC/IF, IHC-P, ELISA       | GTX00629  |
| ⊕ Hepatitis B virus Surface Antigen antibody [Hs33]           | Ms mAb    | ELISA                          | GTX41723  |
| Hepatitis C virus Core Antigen antibody                       | Rb pAb    | WB                             | GTX131265 |
| ⊕ Hepatitis C virus Core Antigen antibody [11-B3]             | Ms mAb    | WB, ICC/IF, IHC-Fr, ELISA      | GTX41722  |
| ⊕ Hepatitis C virus E2 protein antibody                       | Rb pAb    | WB, ICC/IF, Blocking, EM       | GTX103353 |
| ⊕ Hepatitis C virus NS2 protein antibody                      | Rb pAb    | WB                             | GTX131832 |
| ⊕ Hepatitis C virus NS3 protein antibody                      | Rb pAb    | WB, IHC-P                      | GTX131269 |
| ⊕ Hepatitis C virus NS3 protein antibody [20-8]               | Ms mAb    | WB, ELISA, IHC                 | GTX18663  |
| ⊕ Hepatitis C virus NS3 protein antibody [V/1859]             | Ms mAb    | WB, ELISA                      | GTX78171  |
| Hepatitis C virus NS4A protein antibody [S4-13]               | Ms mAb    | WB, ICC/IF, ELISA              | GTX64116  |
| Hepatitis C virus NS4B protein antibody [2-H1]                | Ms mAb    | WB, IHC-Fr, ELISA              | GTX41684  |

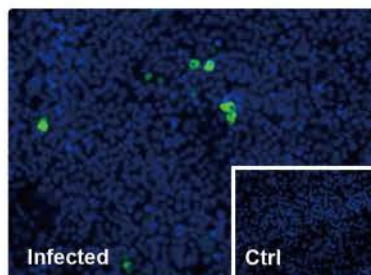
⊕ Citation Support   ⊕ Recombinant

# Hepatitis Viruses

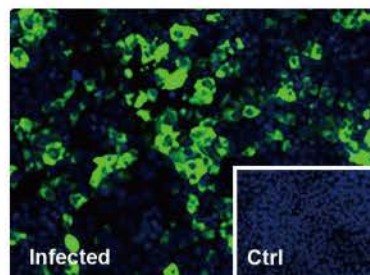
| Product Name                                                                                                                                           | Clonality | Applications      | Cat. No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|-----------|
| Hepatitis C virus NS5A protein antibody                                                                                                                | Rb pAb    | WB                | GTX131272 |
| Hepatitis C virus NS5B protein antibody                                                                                                                | Rb pAb    | WB                | GTX131274 |
|  Hepatitis C virus NS5B protein antibody [NS5B-6]                     | Ms mAb    | WB, ICC/IF, ELISA | GTX00713  |
|  Hepatitis D virus Large data + Small delta protein antibody [HL1053] | Rb mAb    | WB                | GTX636028 |
|  Hepatitis D virus Large data + Small delta protein antibody [HL1055] | Rb mAb    | WB                | GTX636030 |
|  Hepatitis D virus Large delta protein antibody [HL1051]              | Rb mAb    | WB                | GTX636026 |
| Hepatitis D virus Large delta + Small delta antibody                                                                                                   | Rb pAb    | WB                | GTX135575 |
| Hepatitis D virus Large delta protein antibody                                                                                                         | Rb pAb    | WB                | GTX135574 |
| Hepatitis E virus antibody                                                                                                                             | Rb pAb    | WB, ELISA, IHC    | GTX70319  |
| Hepatitis G antibody                                                                                                                                   | Rb pAb    | WB                | GTX70318  |

## Highlighted Products

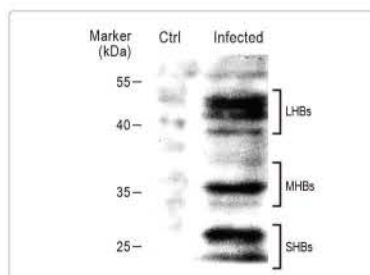
### Hepatitis B Virus Research



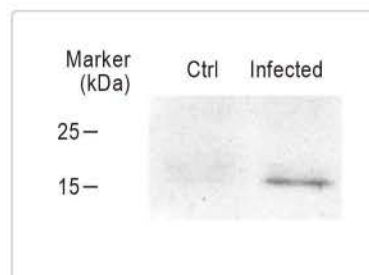
Hepatitis B virus Core Antigen antibody [10E11] (GTX18686) 



Hepatitis B virus Surface Antigen antibody [S 26] (GTX41800)

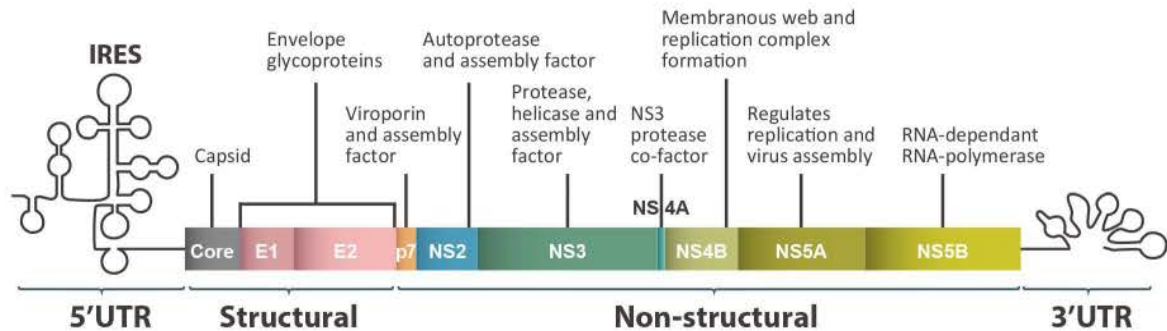


Hepatitis B virus Surface Antigen antibody (GTX29193)



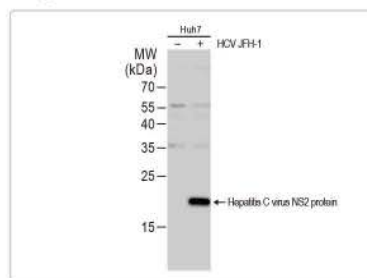
Hepatitis B virus X protein antibody [X36C] (GTX22741)

## Hepatitis C Virus Research

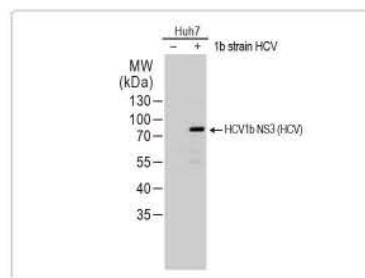


## Highlighted Products

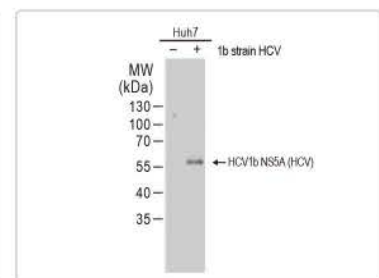
### Hepatitis C Virus Research ▶



Hepatitis C virus NS2 protein antibody (GTX131832)

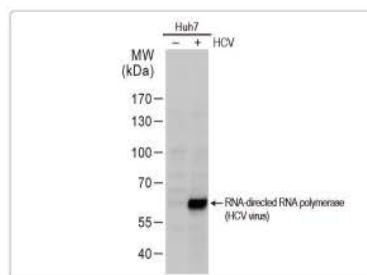


Hepatitis C virus NS3 protein antibody (GTX103356)

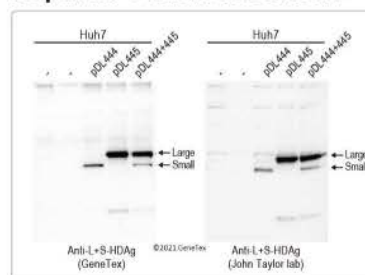


Hepatitis C virus NS5A protein antibody (GTX103358)

### Hepatitis D Virus Research ▶

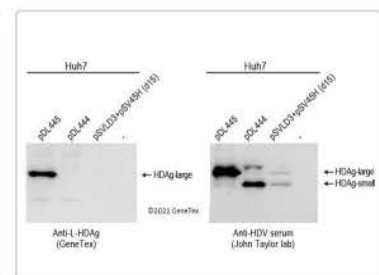


Hepatitis C virus NS5B protein antibody (GTX131273)



Hepatitis D virus Large delta + Small delta antibody (GTX135575)

Data provided by Dr. Fuxuan Wang from Dr. Jinhong Chang's lab at the Baruch S. Blumberg Institute (BSBI).

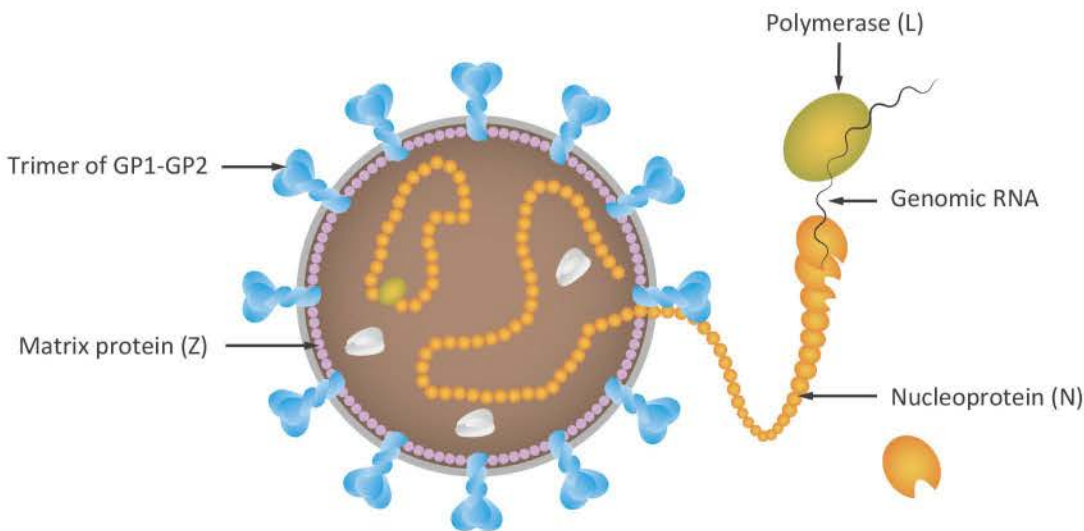


Hepatitis D virus Large delta protein antibody (GTX135574)

Data provided by Dr. Fuxuan Wang from Dr. Jinhong Chang's lab at the Baruch S. Blumberg Institute (BSBI).



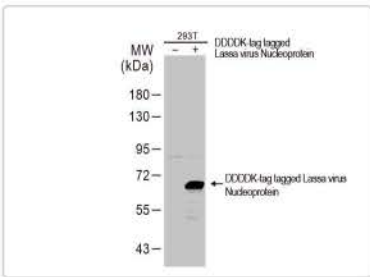
# Lassa Virus



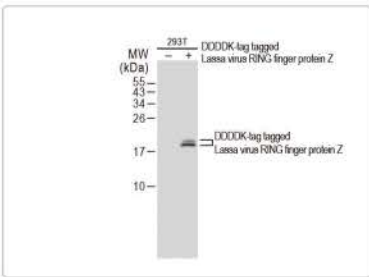
## Lassa Virus Antibodies

| Product Name                                                                                                                    | Clonality | Applications | Cat. No.  |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------|
|  Lassa virus Nucleoprotein antibody [HL1390] | Rb mAb    | WB           | GTX636830 |
|  Lassa virus Nucleoprotein antibody [HL1392] | Rb mAb    | WB           | GTX636832 |
| Lassa virus Glycoprotein G2 antibody                                                                                            | Rb pAb    | WB           | GTX134872 |
| Lassa virus Nucleoprotein antibody                                                                                              | Rb pAb    | WB           | GTX134873 |
| Lassa virus RING finger protein Z antibody                                                                                      | Rb pAb    | WB           | GTX134874 |
| Lassa virus Glycoprotein G2 antibody                                                                                            | Rb pAb    | WB           | GTX134883 |
| Lassa virus Nucleoprotein antibody                                                                                              | Rb pAb    | WB           | GTX134884 |
| Lassa virus RING finger protein Z antibody                                                                                      | Rb pAb    | WB           | GTX134885 |

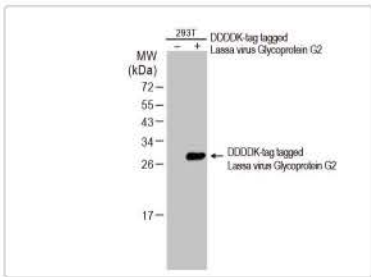
## Highlighted Products



Lassa virus Nucleoprotein antibody (GTX134884)



Lassa virus RING finger protein Z antibody (GTX134874)

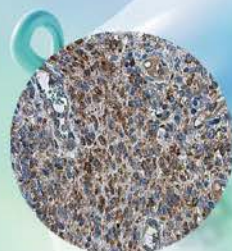


Lassa virus Glycoprotein G2 antibody (GTX134883)





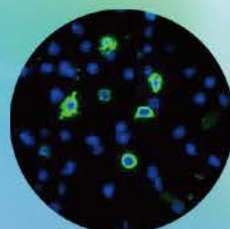
# Porcine Viruses: PCV2, PRRSV, and ASFV



PRRS virus M protein



PCV2 Capsid



ASFV p54 [GT853]

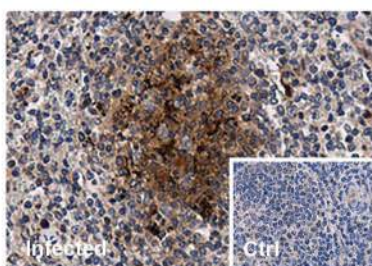


Porcine viruses cost the world's swine industry billions of dollars annually, with porcine circovirus type 2 (PCV2), porcine reproductive and respiratory syndrome virus (PRRSV), and African swine fever virus (ASFV) being among the most important. GeneTex has developed a series of well-validated antibodies against various porcine virus proteins.

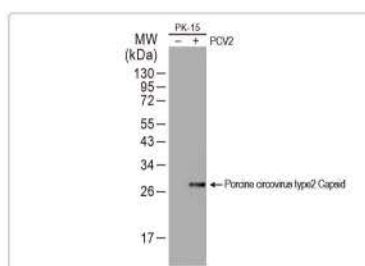
## PCV2 Antibodies

| Product Name                                             | Clonality | Applications      | Cat. No.  |
|----------------------------------------------------------|-----------|-------------------|-----------|
| Porcine circovirus type 2 / PCV2 Capsid antibody         | Rb pAb    | WB, IHC-P         | GTX128121 |
| Porcine circovirus type 2 / PCV2 Capsid antibody         | Rb pAb    | WB, IHC-P, IHC    | GTX128120 |
| Porcine circovirus type 2 / PCV2 Capsid antibody [GT863] | Ms mAb    | WB, ICC/IF, IHC-P | GTX634210 |
| Porcine circovirus type 2 / PCV2 Capsid antibody [GT972] | Ms mAb    | WB, ICC/IF        | GTX634211 |
| Porcine circovirus type 2 / PCV2 Replicase antibody      | Rb pAb    | WB, ICC/IF, IHC   | GTX133638 |

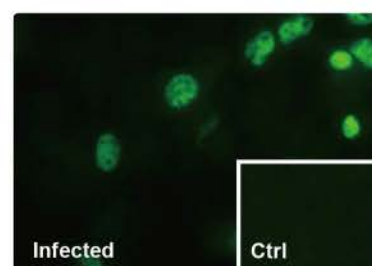
## Highlighted Products



PCV2 Capsid antibody  
(GTX128121)



PCV2 Capsid antibody [GT863]  
(GTX634210)



PCV2 Replicase antibody  
(GTX133638)

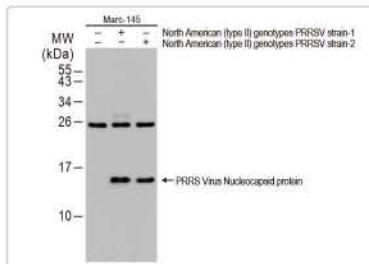
Citation Support

# Porcine Viruses: PCV2, PRRSV, and ASFV

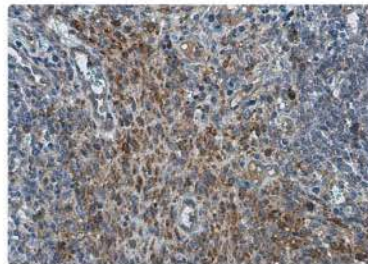
## PRRSV Antibodies

| Product Name                                       | Clonality | Applications      | Cat. No.  |
|----------------------------------------------------|-----------|-------------------|-----------|
| PRRS virus Nucleocapsid protein antibody           | Rb pAb    | WB, ICC/IF        | GTX129270 |
| PRRS virus Nucleocapsid protein antibody           | Rb pAb    | WB                | GTX135353 |
| PRRS virus Nucleocapsid protein antibody           | Rb pAb    | WB, ICC/IF        | GTX135352 |
| PRRS virus Nucleocapsid protein antibody           | Rb pAb    | WB, ICC/IF        | GTX135351 |
| VetSignal - PRRS virus M protein antibody [GT1911] | Ms mAb    | WB                | GTX634651 |
| PRRS virus M protein antibody                      | Rb pAb    | WB, ICC/IF, IHC-P | GTX129063 |
| PRRS virus GP3 protein antibody                    | Rb pAb    | WB                | GTX129272 |
| PRRS virus GP5 protein antibody                    | Rb pAb    | WB, ICC/IF        | GTX129062 |
| PRRS virus Nsp4 protein antibody                   | Rb pAb    | WB                | GTX133700 |
| PRRS virus Nsp1 beta antibody                      | Rb pAb    | WB                | GTX133696 |

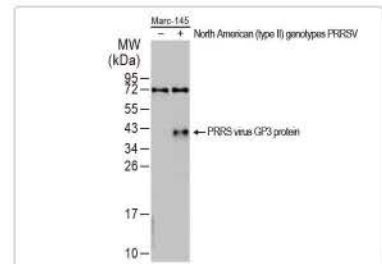
## Highlighted Products



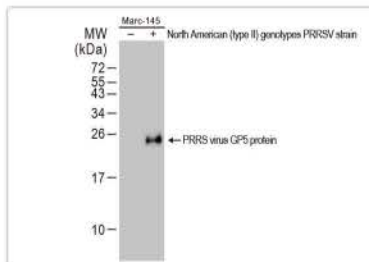
PRRS virus Nucleocapsid protein antibody (GTX129270)



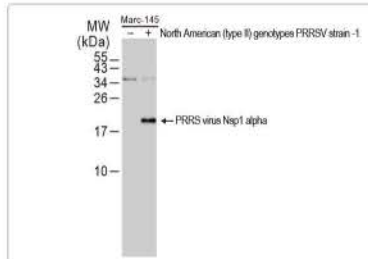
PRRS virus M protein antibody (GTX129063)



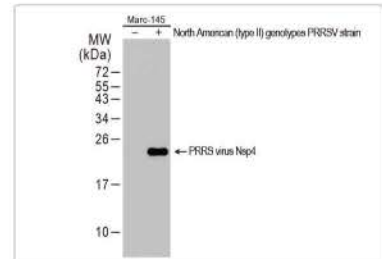
PRRS virus GP3 protein antibody (GTX129272)



PRRS virus GP5 protein antibody (GTX129062)

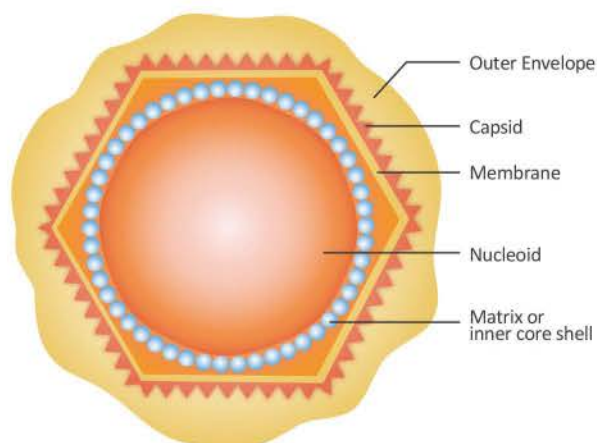


PRRS virus Nsp1 alpha antibody (GTX133695)



PRRS virus Nsp4 protein antibody (GTX133700)

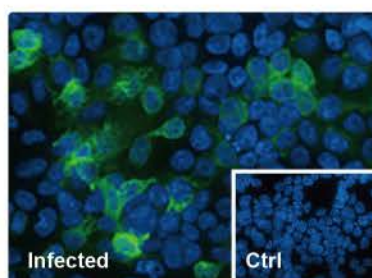
## ASFV Virus Research



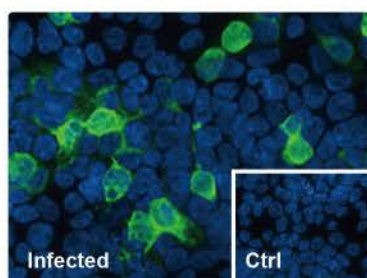
## ASFV Antibodies

| Product Name                                                                                                   | Clonality | Applications                                           | Cat. No.  |
|----------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------|-----------|
|  ASFV p54 antibody [HL1287] | Rb mAb    | WB, ELISA, Lateral Flow                                | GTX636701 |
|  ASFV p54 antibody [HL1289] | Rb mAb    | WB, ELISA, Lateral Flow                                | GTX636703 |
|  ASFV p54 antibody [HL1286] | Rb mAb    | WB, ELISA                                              | GTX636700 |
|  ASFV p54 antibody [HL1219] | Rb mAb    | WB, ELISA, Sandwich ELISA                              | GTX636563 |
|  ASFV p54 antibody [HL1218] | Rb mAb    | WB, ELISA, Sandwich ELISA                              | GTX636562 |
| ASFV p54 antibody [GT1075]                                                                                     | Ms mAb    | WB, ICC/IF, IHC-P, ELISA, Lateral Flow, Sandwich ELISA | GTX635691 |
| ASFV p54 antibody [GT853]                                                                                      | Ms mAb    | WB, ICC/IF, IHC-P, ELISA, Lateral Flow, Sandwich ELISA | GTX635690 |
| ASFV p54 antibody                                                                                              | Rb pAb    | WB, ELISA, Sandwich ELISA                              | GTX135175 |

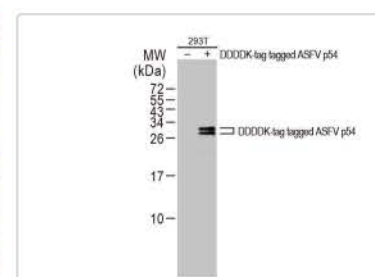
## Highlighted Products



ASFV p54 antibody [GT853]  
(GTX635690)



ASFV p54 antibody [GT1075]  
(GTX635691)



ASFV p54 antibody  
(GTX135175)





# Antibodies for Other Viruses

## Coxsackievirus Research

| Product Name                                                                                                     | Clonality | Applications | Cat. No.  |
|------------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------|
|  Coxsackievirus A6 VP1 antibody | Rb pAb    | WB           | GTX132346 |
| Coxsackievirus A6 VP2 antibody                                                                                   | Rb pAb    | WB           | GTX132348 |
| Coxsackievirus A6 VP3 antibody                                                                                   | Rb pAb    | WB           | GTX132689 |

## Ebola Virus Research

| Product Name                                                                                                 | Clonality | Applications | Cat. No.  |
|--------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------|
|  Ebola virus GP1 antibody   | Rb pAb    | WB, ICC/IF   | GTX134144 |
| Ebola virus GP1 antibody                                                                                     | Rb pAb    | WB           | GTX134143 |
| Ebola virus GP2-delta antibody                                                                               | Rb pAb    | WB, ICC/IF   | GTX134145 |
|  Ebola virus NP antibody    | Rb pAb    | WB, ICC/IF   | GTX134031 |
| Ebola virus VP30 antibody                                                                                    | Rb pAb    | WB, ICC/IF   | GTX134037 |
|  Ebola virus VP35 antibody  | Rb pAb    | WB, ICC/IF   | GTX134032 |
|  Ebola virus VP40 antibody | Rb pAb    | WB, ICC/IF   | GTX134034 |

## West Nile Virus Research

| Product Name                                                                                                                | Clonality | Applications  | Cat. No.  |
|-----------------------------------------------------------------------------------------------------------------------------|-----------|---------------|-----------|
|  West Nile virus Capsid protein antibody | Rb pAb    | WB            | GTX131947 |
|  West Nile virus Envelope antibody       | Rb pAb    | WB            | GTX132052 |
| West Nile virus Envelope antibody [3631]                                                                                    | Ms mAb    | ICC/IF, ELISA | GTX36811  |
| West Nile virus Envelope antibody [GT3029]                                                                                  | Ms mAb    | WB, ICC/IF    | GTX633919 |
| West Nile virus Matrix antibody                                                                                             | Rb pAb    | ELISA         | GTX85512  |
| West Nile virus NS1 protein antibody                                                                                        | Rb pAb    | WB            | GTX132053 |
|  West Nile virus NS2B protein antibody   | Rb pAb    | WB, ICC/IF    | GTX132060 |
|  West Nile virus NS3 protein antibody    | Rb pAb    | WB, ICC/IF    | GTX131955 |
| West Nile virus NS4A protein antibody                                                                                       | Rb pAb    | WB            | GTX131957 |
|  West Nile virus NS5 protein antibody    | Rb pAb    | WB, IHC-P     | GTX131961 |
| West Nile virus prM protein antibody                                                                                        | Rb pAb    | WB            | GTX131948 |

## Norovirus Research

| Product Name                                                                                               | Clonality | Applications          | Cat. No.  |
|------------------------------------------------------------------------------------------------------------|-----------|-----------------------|-----------|
|  Norovirus VP1 antibody | Rb pAb    | WB                    | GTX134382 |
| Norovirus VP2 antibody                                                                                     | Rb pAb    | WB                    | GTX134386 |
| Norovirus Capsid antibody [4901]                                                                           | Ms mAb    | ELISA, Sandwich ELISA | GTX36789  |
| Norovirus Capsid antibody [B114M]                                                                          | Ms mAb    | ELISA, Sandwich ELISA | GTX39875  |

 Citation Support
  Orthogonal Validation
  Protein Overexpression



## Enterovirus Research

|   | Product Name                           | Clonality | Applications             | Cat. No.  |
|---|----------------------------------------|-----------|--------------------------|-----------|
| 🔍 | Enterovirus 71 2B antibody             | Rb pAb    | WB, IHC-P                | GTX132343 |
| 🔍 | Enterovirus 71 2C antibody             | Rb pAb    | WB                       | GTX132354 |
| 🔍 | Enterovirus 71 3AB antibody            | Rb pAb    | WB, IHC-P                | GTX132344 |
| 🔍 | Enterovirus 71 3C antibody [B3]        | Ms mAb    | WB, FACS                 | GTX630191 |
| 🔍 | Enterovirus 71 3CD antibody            | Rb pAb    | WB                       | GTX132355 |
| 🔍 | Enterovirus 71 3D antibody [4]         | Ms mAb    | WB, ICC/IF, IP           | GTX630193 |
| 🔍 | Enterovirus 71 antibody                | Rb pAb    | WB, ICC/IF, IHC-P, ELISA | GTX124261 |
| 🔍 | Enterovirus 71 VP1 antibody            | Rb pAb    | WB, ICC/IF, IHC-P        | GTX132338 |
| 🔍 | Enterovirus 71 VP1 antibody            | Rb pAb    | WB, ICC/IF, IHC-P        | GTX132339 |
|   | Enterovirus 71 VP1 antibody [GT185]    | Ms mAb    | WB                       | GTX633390 |
|   | Enterovirus 71 VP1 antibody [GT9512]   | Ms mAb    | WB                       | GTX633583 |
| 🔍 | Enterovirus 71 VP2 antibody            | Rb pAb    | WB, ICC/IF, IHC-P        | GTX132340 |
| 🔍 | Enterovirus 71 VP3 antibody            | Rb pAb    | WB, ICC/IF               | GTX132341 |
|   | Enterovirus D68 2B antibody            | Rb pAb    | WB                       | GTX134419 |
| 🔍 | Enterovirus D68 VP1 antibody           | Rb pAb    | WB, ICC/IF, IHC-P, FACS  | GTX132313 |
| 🔍 | Enterovirus D68 VP1 antibody           | Rb pAb    | WB                       | GTX132312 |
|   | Enterovirus D68 VP1 antibody [GT11610] | Ms mAb    | WB                       | GTX633688 |
| 🔍 | Enterovirus D68 VP1 antibody [GT1843]  | Ms mAb    | WB, IHC-P                | GTX633770 |
| 🔍 | Enterovirus D68 VP2 antibody           | Rb pAb    | WB, ICC/IF, IHC-Fr       | GTX132314 |
| 🔍 | Enterovirus D68 VP3 antibody           | Rb pAb    | WB, IHC-P                | GTX132315 |
| 🔍 | Enterovirus D68 VP3 antibody [GT1665]  | Ms mAb    | WB                       | GTX633706 |

## Human Papillomavirus Research

|   | Product Name                                                   | Clonality | Applications              | Cat. No.  |
|---|----------------------------------------------------------------|-----------|---------------------------|-----------|
| 🔍 | Human papillomavirus type 16 E6 antibody                       | Rb pAb    | WB                        | GTX132686 |
| 🔍 | Human papillomavirus type 16 E7 antibody                       | Rb pAb    | WB                        | GTX133411 |
| 🔍 | Human papillomavirus type 16 E7 antibody [B716M]               | Ms mAb    | WB, ELISA, Sandwich ELISA | GTX41516  |
| 🔍 | Human papillomavirus type 16 L1 antibody [289-16981(CamVir-1)] | Ms mAb    | WB, IHC-P, IP             | GTX41503  |
| 🔍 | Human papillomavirus type 16 L1 antibody [CamVir 1]            | Ms mAb    | IHC-P                     | GTX73652  |
| 🔍 | Human papillomavirus type 16/18 E6 antibody [C1P5]             | Ms mAb    | WB, IHC-P, IP             | GTX20070  |
| 🔍 | Human papillomavirus type 16/18 E7 antibody [718-15]           | Ms mAb    | WB, ELISA                 | GTX40864  |
| 🔍 | Human papillomavirus type 18 E6 antibody                       | Rb pAb    | WB                        | GTX132687 |
| 🔍 | Human papillomavirus type 18 E7 antibody                       | Rb pAb    | WB, ICC/IF                | GTX133412 |
|   | Human papillomavirus type 18 E7 antibody [718-67]              | Ms mAb    | WB, ELISA, Sandwich ELISA | GTX41484  |

# Antibodies for Other Viruses

## HIV Research

| Product Name                                                                                                    | Clonality | Applications                                    | Cat. No. |
|-----------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------|----------|
|  HIV 1/2 p24 antibody [B1217M] | Ms mAb    | WB, ELISA                                       | GTX41618 |
|  HIV p24 antibody [28E0]       | Ms mAb    | WB, ICC/IF, IHC-Fr, ELISA                       | GTX40278 |
| HIV Protease antibody [1696] (Azide Free)                                                                       | Ms mAb    | WB, ELISA, Functional Assay                     | GTX78443 |
| HIV1 gp120 antibody                                                                                             | Goat pAb  | WB, ELISA                                       | GTX41179 |
| HIV1 gp120 antibody [8.A.001]                                                                                   | Ms mAb    | WB, ELISA                                       | GTX18168 |
| HIV1 gp120 antibody [NYRHIV1gp120]                                                                              | Ms mAb    | ELISA                                           | GTX13411 |
| HIV1 gp41 antibody                                                                                              | Goat pAb  | WB                                              | GTX40890 |
| HIV1 Integrase antibody [IN-2]                                                                                  | Ms mAb    | WB, ICC/IF, IP                                  | GTX80391 |
| HIV1 Nef antibody                                                                                               | Rb pAb    | WB, IP, Dot, ELISA                              | GTX64123 |
| HIV1 p15 antibody                                                                                               | Rb pAb    | WB, IP, Dot, ELISA                              | GTX64125 |
| HIV1 p17 antibody                                                                                               | Rb pAb    | WB, IP, Dot, ELISA                              | GTX64126 |
| HIV1 P17 Gag antibody [17-1]                                                                                    | Ms mAb    | WB, ICC/IF, FACS, IP                            | GTX80390 |
| HIV1 p24 antibody                                                                                               | Rb pAb    | WB, IP, Dot, ELISA                              | GTX64128 |
| HIV1 p24 antibody [473]                                                                                         | Ms mAb    | WB, ELISA                                       | GTX19054 |
|  HIV1 p24 antibody [491]     | Ms mAb    | WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA | GTX40080 |
| HIV1 p24 antibody [BDI479]                                                                                      | Ms mAb    | ICC/IF, ELISA                                   | GTX41590 |
| HIV1 p55 antibody                                                                                               | Rb pAb    | WB, IP, Dot, ELISA                              | GTX64131 |
| HIV1 Protease antibody                                                                                          | Rb pAb    | WB, IP, Dot, ELISA, Neutralizing/Inhibition     | GTX64132 |
|  HIV1 Rev antibody           | Chk pAb   | WB, ICC/IF                                      | GTX82010 |
| HIV1 Reverse transcriptase antibody                                                                             | Rb pAb    | WB, IP, Dot, ELISA                              | GTX64133 |
| HIV1 Tat antibody                                                                                               | Chk pAb   | WB                                              | GTX17460 |
|  HIV1 Vif antibody [319]     | Ms mAb    | WB, ICC/IF                                      | GTX80393 |
| HIV1 virion antibody (HRP)                                                                                      | Goat pAb  | WB, ICC/IF, ELISA, IHC                          | GTX36524 |

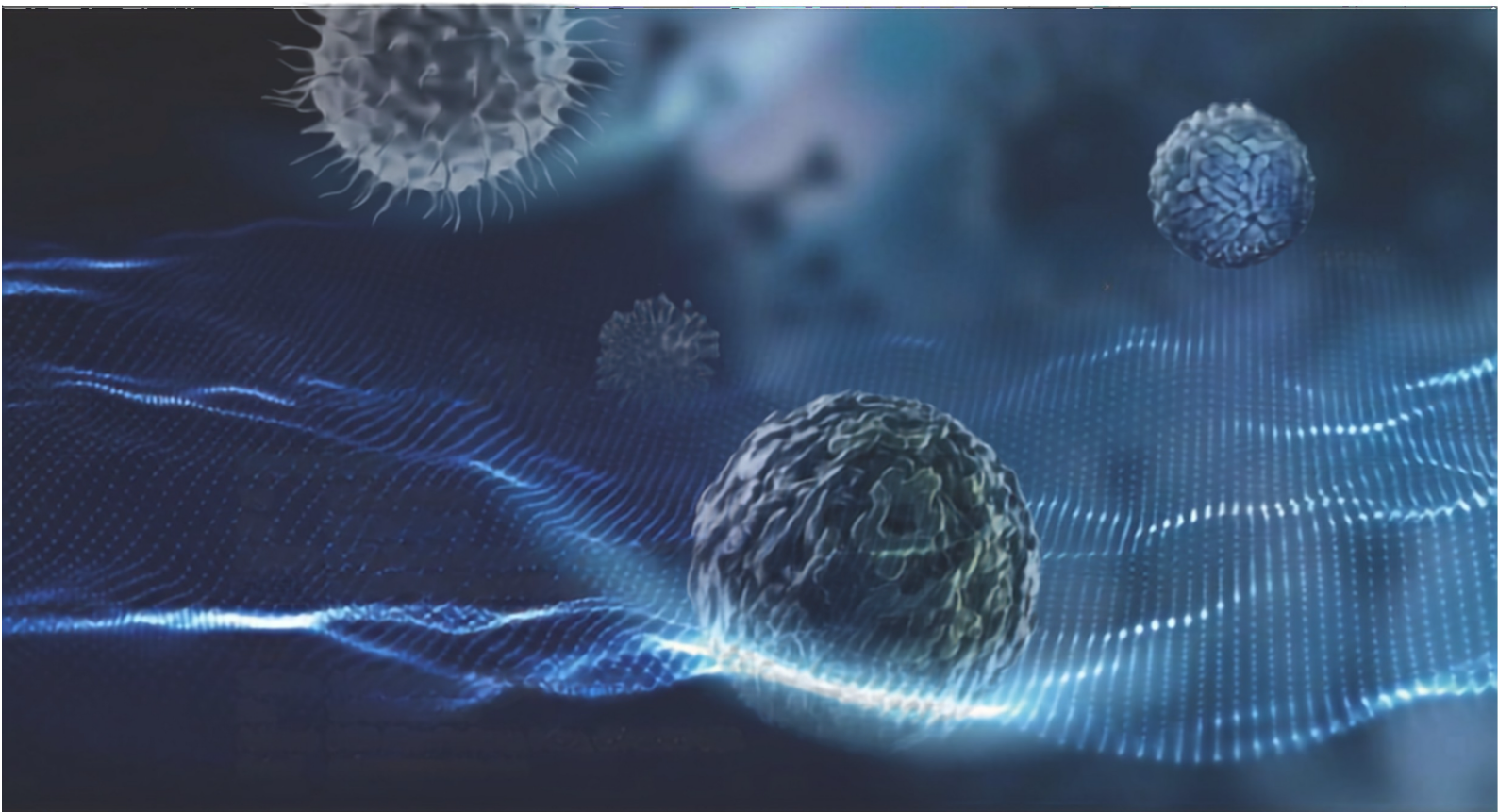
## Research for Other Flaviviruses

| Product Name                                                                                                                       | Clonality | Applications  | Cat. No.  |
|------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|-----------|
| Flavivirus Capsid protein antibody                                                                                                 | Rb pAb    | WB            | GTX134184 |
| Flavivirus Envelope protein antibody                                                                                               | Rb pAb    | WB            | GTX134189 |
| Powassan virus prM protein antibody                                                                                                | Rb pAb    | WB            | GTX132055 |
|  St. Louis Encephalitis virus antibody [6b6c-1] | Ms mAb    | ICC/IF, ELISA | GTX39036  |

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