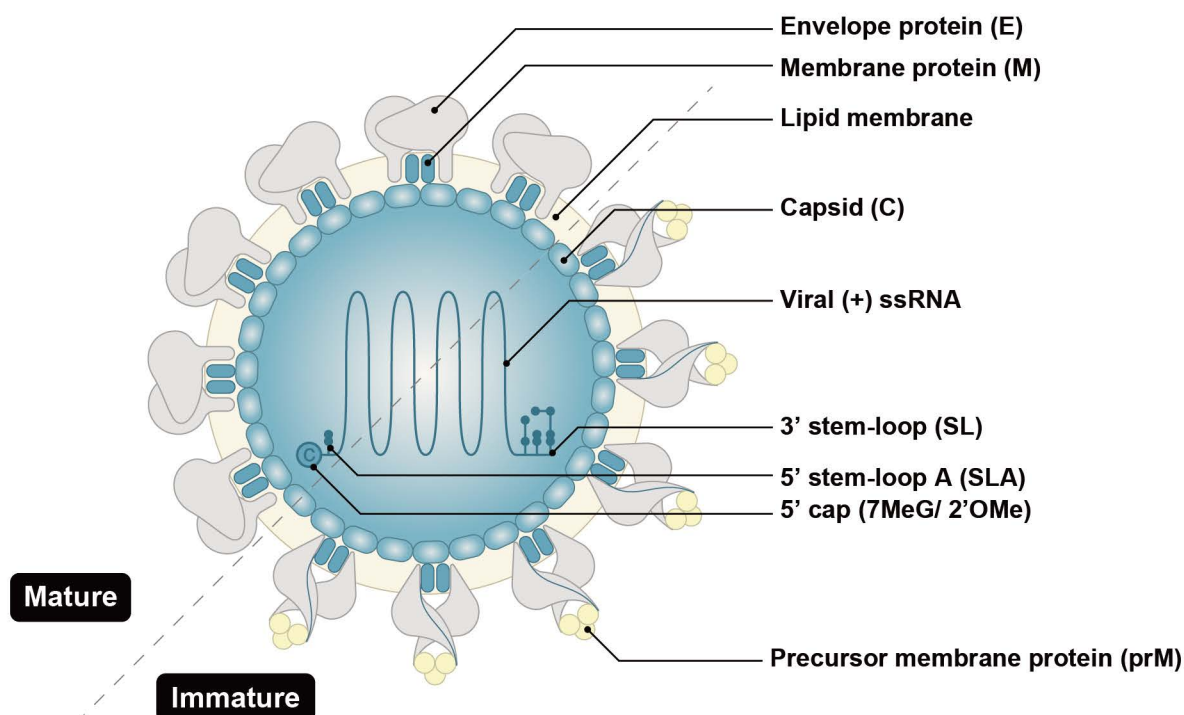


# Zika Virus Research

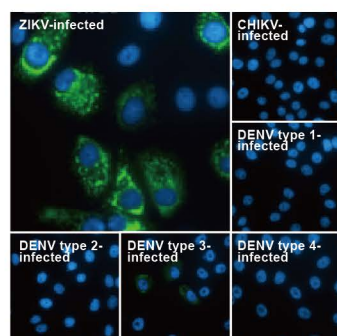


Zika virus (ZIKV) exploded into international prominence in 2015. This mosquito-borne flavivirus had its first reported outbreak in 2007, followed by a larger event in 2013 in French Polynesia and the present outbreak in Brazil. Nearly 70 countries and territories have documented ZIKV transmission since 2007.

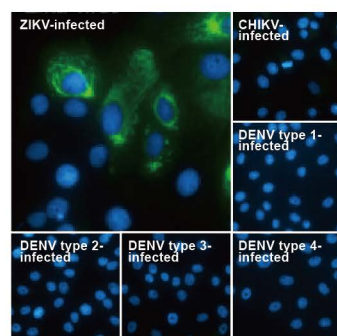
While about 80% of ZIKV infections are asymptomatic, the virus can cause influenza-like symptoms and other clinical manifestations including conjunctivitis. Infection has been linked to cases of neurological disease, including Guillain-Barre syndrome. Most concerning is the increasingly robust evidence associating ZIKV with microcephaly (and other neurodevelopmental problems) in newborns from infected mothers. Antibodies targeting different protein components of ZIKV would be immensely useful to facilitate both basic research and as potential diagnostic reagents.

## Highlighted Products

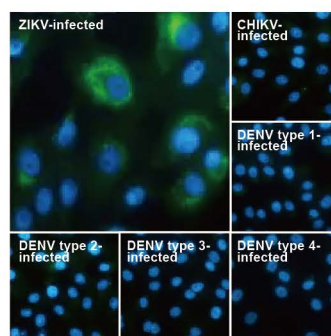
**R** recombinant **C** Citation Support **O** Orthogonal Validation



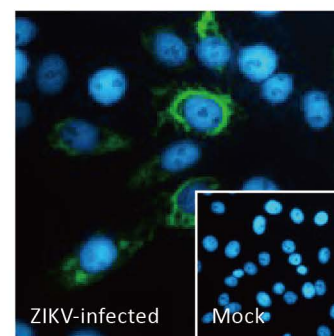
Zika virus Envelope protein antibody (GTX133314) **R** **C**



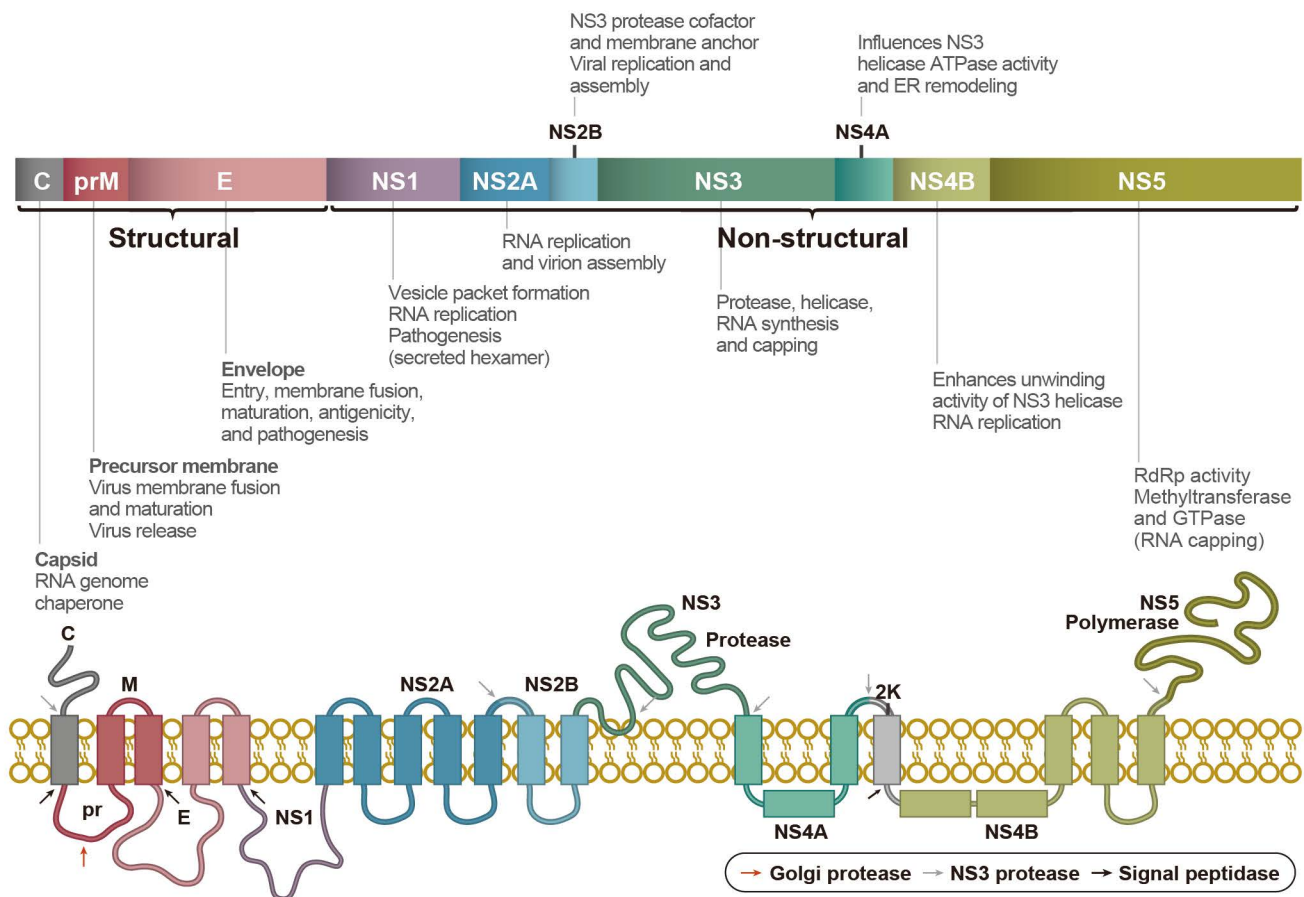
Zika virus NS2B protein antibody (GTX133308) **R** **C**



Zika virus NS3 protein antibody (GTX133309) **R** **C**



Zika virus NS4B protein antibody [HL1664] (GTX637262) **R**



## Highlighted Products

Recombinant Citation Support Orthogonal Validation

| Cat. No.  | Product Name                                  | Clonality  | Applications                                   |
|-----------|-----------------------------------------------|------------|------------------------------------------------|
| GTX133317 | Zika virus Capsid protein antibody            | Rb pAb     | WB, ICC/IF, IHC-P (cell pellet)                |
| GTX133305 | Zika virus prM protein antibody               | Rb pAb     | WB, ICC/IF, IP                                 |
| GTX133314 | Zika virus Envelope protein antibody          | Rb pAb     | WB, ICC/IF, IHC-P                              |
| GTX133325 | Zika virus Envelope protein antibody          | Rb pAb     | WB, ICC/IF, ELISA, Sandwich ELISA              |
| GTX634155 | Zika virus Envelope protein antibody [GT363]  | Ms mAb     | WB, ICC/IF, ELISA, IHC, Sandwich ELISA         |
| GTX637298 | Zika virus Envelope protein antibody [HL1699] | Rec Rb mAb | WB, ICC/IF                                     |
| GTX133307 | Zika virus NS1 protein antibody               | Rb pAb     | WB, ICC/IF, ELISA, Sandwich ELISA              |
| GTX634159 | Zika virus NS1 protein antibody [GT281]       | Ms mAb     | WB, ICC/IF, IHC-P                              |
| GTX634158 | Zika virus NS1 protein antibody [GT5212]      | Ms mAb     | WB, ICC/IF, ELISA, Sandwich ELISA              |
| GTX638945 | Zika virus NS1 protein antibody [HL2567]      | Rec Rb mAb | WB                                             |
| GTX133308 | Zika virus NS2B protein antibody              | Rb pAb     | WB, ICC/IF, IHC-P, IHC-Fr, IHC-P (cell pellet) |
| GTX638129 | Zika virus NS2B protein antibody [HL2151]     | Rec Rb mAb | WB, ICC/IF                                     |
| GTX133309 | Zika virus NS3 protein antibody               | Rb pAb     | WB, ICC/IF, IHC-P                              |
| GTX133704 | Zika virus NS4A protein antibody              | Rb pAb     | WB, ICC/IF                                     |
| GTX133311 | Zika virus NS4B protein antibody              | Rb pAb     | WB, ICC/IF, IHC-Fr, FACS                       |
| GTX133321 | Zika virus NS4B protein antibody              | Rb pAb     | WB, ICC/IF, IHC-P (cell pellet)                |
| GTX637261 | Zika virus NS4B protein antibody [HL1663]     | Rec Rb mAb | WB, ICC/IF, IHC-P (cell pellet)                |
| GTX133312 | Zika virus NS5 protein antibody               | Rb pAb     | WB, ICC/IF                                     |
| GTX133327 | Zika virus NS5 protein antibody               | Rb pAb     | WB, ICC/IF, IP                                 |
| GTX638132 | Zika virus NS5 protein antibody [HL2154]      | Rec Rb mAb | WB, ICC/IF                                     |

