

# Zika virus Envelope protein antibody

## Cat. No. GTX133326

| Host         | Rabbit                            |
|--------------|-----------------------------------|
| Clonality    | Polyclonal                        |
| Isotype      | IgG                               |
| Applications | WB, ICC/IF, ELISA, Sandwich ELISA |
| Reactivity   | Zika virus                        |

References (4) Package  $100 \mu l$ ,  $25 \mu l$ 

## **Applications**

### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | 1:100-1:1000         |
| ELISA              | 1:1000-1:10000       |
| Sandwich ELISA     | Assay dependent      |

Note: Capture: GTX634155 / GTX634157 / GTX133326, Detection: GTX133326 / GTX634157 / GTX634155

Not tested in other applications.

**Calculated MW** 54 kDa. ( <u>Note</u> )

| Properties    |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 20% Glycerol  |
| Preservative  | 0.025% ProClin 300   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1.18 mg/ml (Please refer to the vial label for the specific concentration.)  |
| Immunogen     | Recombinant protein encompassing a sequence within the center region of Zika virus Envelope protein (Zika virus (strain H/PF/2013)). The exact sequence is proprietary.  |
| Purification  | Purified by antigen-affinity chromatography.   |
| Conjugation   | Unconjugated   |



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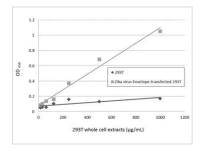


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#### Note

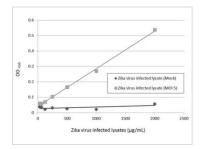
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#### DATA IMAGES



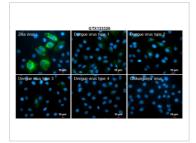
#### GTX133326 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX133326 as capture antibody at concentration of 5  $\mu$ g/mL and GTX634155 as detection antibody at concentration of 1  $\mu$ g/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.



#### GTX133326 ELISA Image

Sandwich ELISA detection of Zika virus-infected lysate using GTX634155 as capture antibody at concentration of 5  $\mu$ g/mL and GTX133326 as detection antibody at concentration of 1  $\mu$ g/mL. Rabbit lgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



## GTX133326 ICC/IF Image

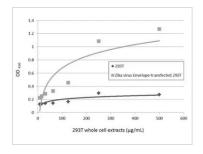
Immunofluorescent analysis of arboviruses infected cells using Zika virus Envelope protein antibody (GTX133326).

Samples: EUROIMMUN Arboviral Fever Mosaic 2 slide (FR 2668-1010-1).

Green: Zika virus Envelope protein antibody (GTX133326) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar =  $10 \mu m$ .



#### GTX133326 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX634157 as capture antibody at concentration of 5  $\mu$ g/mL and GTX133326 as detection antibody at concentration of 1  $\mu$ g/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



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