

## Zika virus NS1 protein antibody

Cat. No. GTX133306

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

References ( 1 )

★★★★★ Review ( 2 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

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

**Note : Capture : GTX634158, Detection: GTX133306**

Not tested in other applications.

**Calculated MW** 40 kDa. ( [Note](#) )**Product Note** This antibody was raised against the Zika virus NS1 protein (strain: H/PF/2013), and the immunogen shares 100% sequence identity with strain MR 766.

## 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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of Zika virus NS1 protein (Zika virus (strain H/PF/2013)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



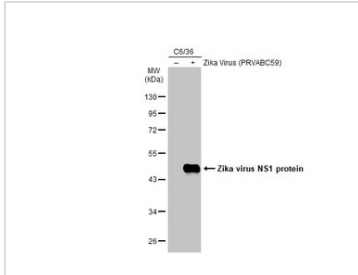
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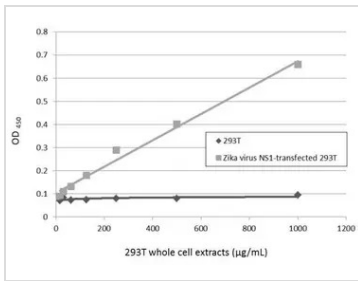
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**Note**

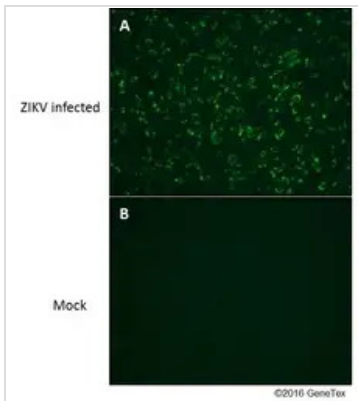
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**DATA IMAGES**

**GTX133306 WB Image**

Non-infected (–) and infected (+) C6/36 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Zika virus NS1 protein antibody (GTX133306) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX133306 ELISA Image**

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX634158 as capture antibody at concentration of 5 µg/mL and GTX133306 as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.


**GTX133306 ICC/IF Image**

Immunofluorescent analysis of Zika Virus-PRVABC59 infected (A) and non-infected (B) vero cells using Zika virus NS1 protein antibody (GTX133306).

Green: Zika virus NS1 protein antibody (GTX133306) diluted at 1:4000.

This image was provided courtesy of cooperative research laboratories.



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