

## Zika virus NS2B protein antibody

Cat. No. GTX133308

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC-P (cell pellet)
Reactivity	Zika virus

References ( 42 )

★★★★★ Review ( 8 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

Calculated MW 13 kDa. ( [Note](#) )

**Product Note** This antibody was raised against the Zika virus NS2B 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	1.21 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of Zika virus NS2B protein (Zika virus (strain H/PF/2013)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



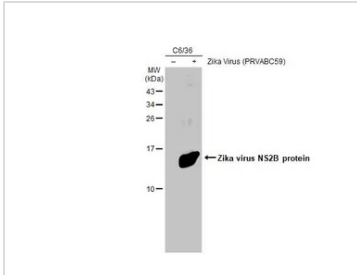
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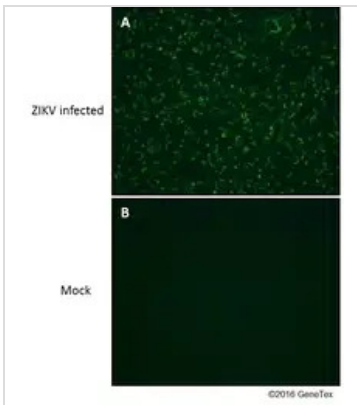
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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTx133308 WB Image**

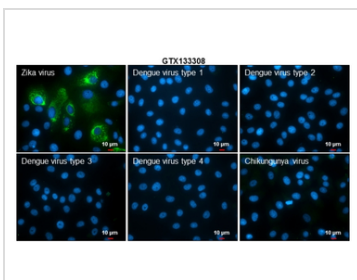
Non-infected (–) and infected (+) C6/36 whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Zika virus NS2B protein antibody (GTx133308) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx133308 ICC/IF Image**

Immunofluorescent analysis of Zika Virus-PRVABC59 infected (A) and non-infected (B) vero cells using Zika virus NS2B protein antibody (GTx133308).

Green: Zika virus NS2B protein antibody (GTx133308) diluted at 1:4000.

This image was provided courtesy of cooperative research laboratories.


**GTx133308 ICC/IF Image**

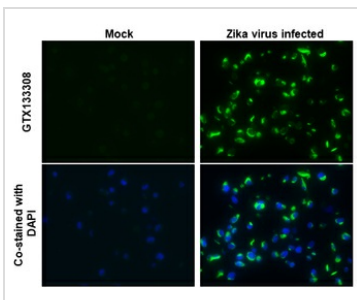
Immunofluorescent analysis of arboviruses infected cells using Zika virus NS2B protein antibody (GTx133308).

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

Green: Zika virus NS2B protein antibody (GTx133308) diluted at 1:100.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.


**GTx133308 IHC-P (cell pellet) Image**

Zika virus NS2B protein antibody detects Zika virus NS2B protein protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded Zika virus C6/36.

Green: Zika virus NS2B protein stained by Zika virus NS2B protein antibody (GTx133308) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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