

## Zika virus NS2B protein antibody

**Cat. No. GTX133308**

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

References ( 47 )

★★★★★ 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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	1.21 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	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.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

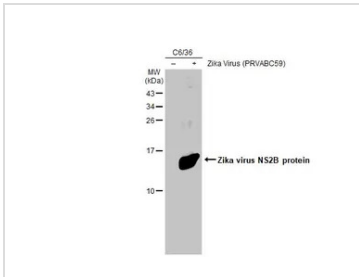
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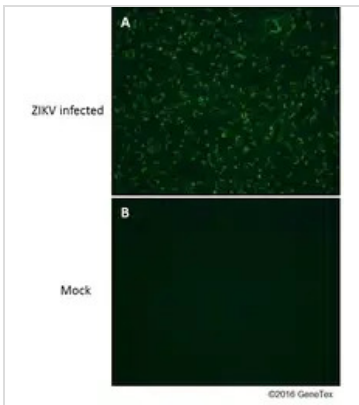
**Note**  
 Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTx133308 WB Image**

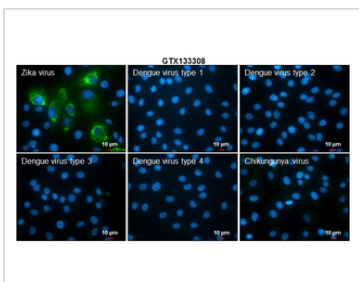
Non-infected (-) and infected (+) C6/36 whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Zika virus NS2B protein antibody (GTx133308) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



**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).

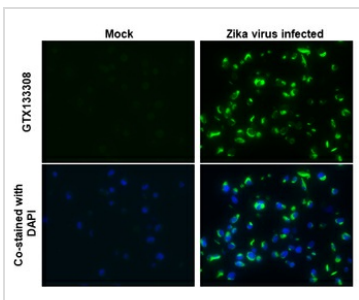
Green: Zika virus NS2B protein antibody (GTx133308) diluted at 1:4000.  
 This image was provided courtesy of cooperative research laboratories.



**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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