

## Zika virus NS4B protein antibody

**Cat. No. GTX133321**

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

References ( 8 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

**Calculated MW** 26 kDa. ( [Note](#) )

## 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 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length Zika virus NS4B recombinant protein. (Zika virus (strain H/PF/2013))
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

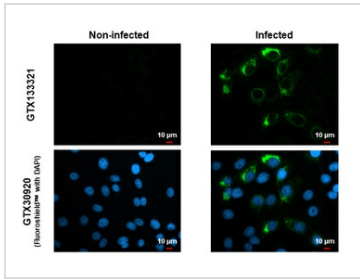
**Note**

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DATA IMAGES



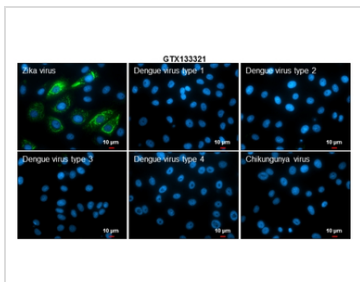
**GTX133321 ICC/IF Image**

Immunofluorescent analysis of mock and Zika virus-infected cells using Zika virus NS4B protein antibody (GTX133321).

Sample: Zika virus non-infected and infected cells slide.

Green: Zika virus NS4B protein antibody (GTX133321) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



**GTX133321 ICC/IF Image**

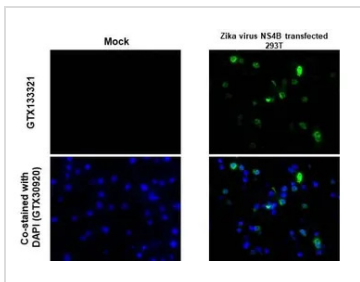
Immunofluorescent analysis of arboviruses infected cells using Zika virus NS4B protein antibody (GTX133321).

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

Green: Zika virus NS4B protein antibody (GTX133321) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 μm.



**GTX133321 IHC-P (cell pellet) Image**

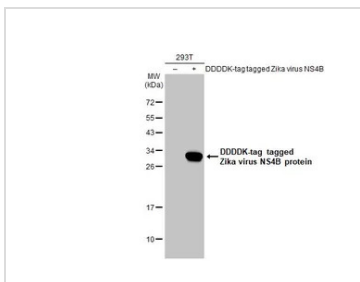
Zika virus NS4B protein antibody detects Zika virus NS4B protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mock and Zika virus NS4B transfected 293T.

Green: Zika virus NS4B stained by Zika virus NS4B protein antibody (GTX133321) diluted at 1:1000.

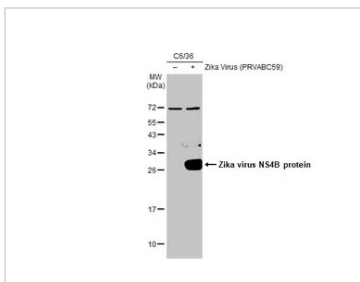
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX133321 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μg) were separated by 12% SDS-PAGE, and the membrane was blotted with Zika virus NS4B protein antibody (GTX133321) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX133321 WB Image**

Non-infected (-) and infected (+) C6/36 whole cell extracts (30 μg) were separated by 12% SDS-PAGE, and the membrane was blotted with Zika virus NS4B protein antibody (GTX133321) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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