

# Zika virus NS1 protein antibody

## Cat. No. GTX133323

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



## Applications

## **Application Note**

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

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

Note: Capture: GTX634158, Detection: GTX133323

Not tested in other applications.

Calculated MW 40 kDa. (Note)

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	Recombinant protein 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



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 11 / 03 Page 1 of 2

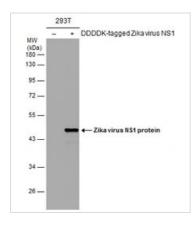


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

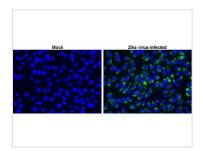
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



#### GTX133323 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Zika virus NS1 protein antibody (GTX133323) diluted at 1:8000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

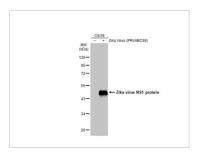


### GTX133323 ICC/IF Image

Zika virus NS1 protein antibody detects Zika virus NS1 protein at cytoplasm by immunofluorescent analysis.

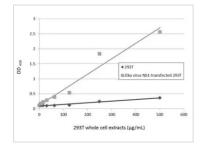
Sample: Vero cells were fixed in 4% paraformaldehyde at RT for 30 min.

Green: Zika virus NS1 stained by Zika virus NS1 protein antibody (GTX133323) diluted at 1:1000. Blue: nuclear staining.



#### GTX133323 WB Image

Non-infected (-) and infected (+) C6/36 whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Zika virus NS1 protein antibody (GTX133323) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX133323 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX634158 as capture antibody at concentration of 5  $\mu$ g/mL and GTX133323 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.



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 11 / 03 Page 2 of 2

€ 886-3-6208988 886-3-6208989 infoasia@genetex.com