

## Zika virus NS1 protein antibody [GT281]

**Cat. No. GTX634159**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-P (cell pellet)
<b>Reactivity</b>	Zika virus

References ( 3 )

★★★★★ Review ( 2 )

Package

100 µl, 25 µl

## Applications

**Application Note**

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

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

Not tested in other applications.

**Calculated MW** 40 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No preservative
<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>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of Zika virus NS1 protein (Zika virus (strain H/PF/2013)). The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated



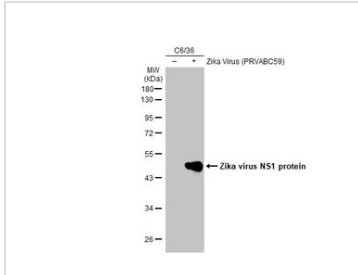
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## Note

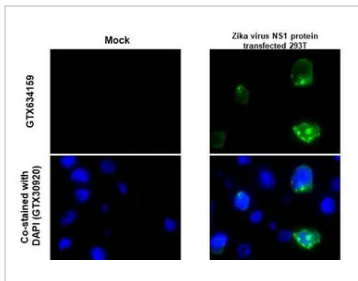
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## DATA IMAGES



### GTX634159 WB Image

Non-infected (-) and infected (+) C6/36 whole cell extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Zika virus NS1 protein antibody [GT281] (GTX634159) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



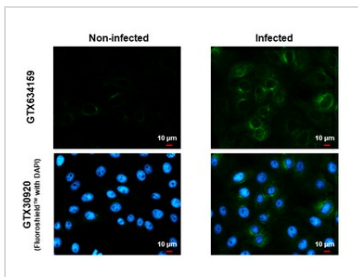
### GTX634159 IHC-P (cell pellet) Image

Zika virus NS1 protein antibody [GT281] detects Zika virus NS1 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mock and Zika virus NS1 protein transfected 293T cell pellet.

Green: Zika virus NS1 protein stained by Zika virus NS1 protein antibody [GT281] (GTX634159) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



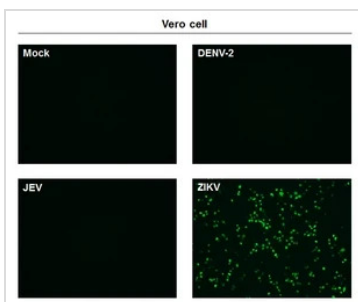
### GTX634159 ICC/IF Image

Immunofluorescent analysis of mock and Zika virus-infected cells using Zika virus NS1 protein antibody [GT281] (GTX634159).

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

Green: Zika virus NS1 protein antibody [GT281] (GTX634159) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



### GTX634159 ICC/IF Image

Immunofluorescent analysis of non-infected and infected vero cells using Zika virus NS1 protein antibody [GT281] (GTX634159).

Green: Zika virus NS1 protein antibody [GT281] (GTX634159) diluted at 1:500.



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