

Zika virus NS1 protein antibody [GT281]

Cat. No. GTX634159

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P, IHC-P (cell pellet)
Reactivity	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](#))

Product Note This antibody was raised against the Zika virus NS1 protein (strain: H/PF/2013), and the immunogen shares 100% sequence identity with strain MR 766.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
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	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.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

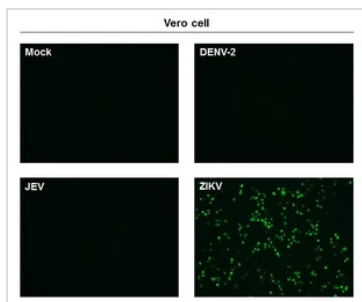


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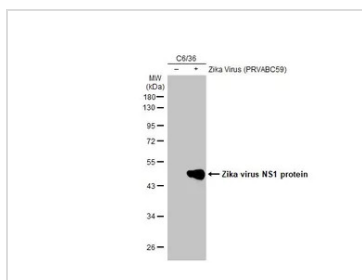
Note

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

GTX634159 ICC/IF Image

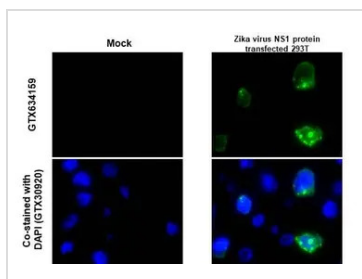
Immunofluorescent analysis of non-infected and infected vero cells using Zika virus NS1 protein antibody [GT281] (GTX634159).

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


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.

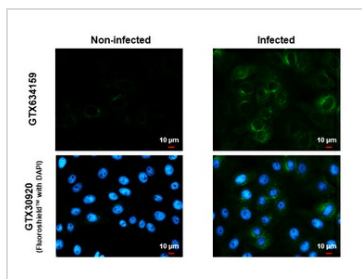

GTX634159 IHC-P (cell pellet) Image

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).



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