Zika virus NS1 protein antibody [GT5212]

Cat. No. GTX634158

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, ELISA, Sandwich ELISA
Reactivity	Zika virus

References (5)
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
ELISA	1:1000-1:10000
Sandwich ELISA	Assay dependent

Note : Capture : GTX634158 / GTX133324, Detection : GTX133323 / GTX133307 / GTX133324 / GTX133306 / GTX634158

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 4ºC. For long-term storage, aliquot and store at -20ºC 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 G.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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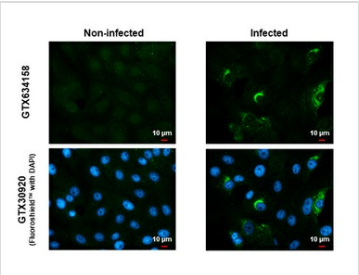
Note

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

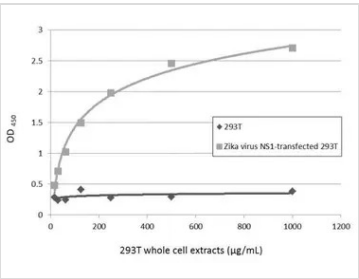
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



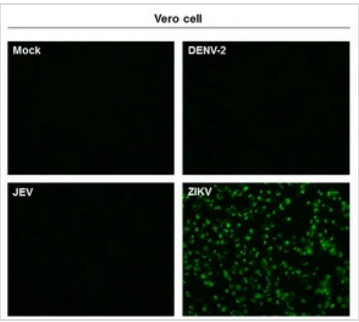
GTX634158 ICC/IF Image

Immunofluorescent analysis of mock and Zika virus-infected cells using Zika virus NS1 protein antibody [GT5212] (GTX634158).
Sample: Zika virus non-infected and infected cells slide.
Green: Zika virus NS1 protein antibody [GT5212] (GTX634158) diluted at 1:100.
Blue: Fluoroshield with DAPI (GTX30920).



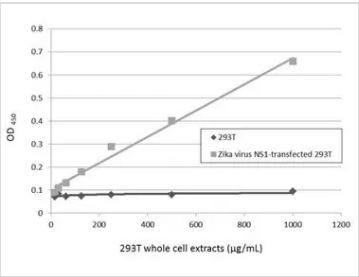
GTX634158 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX133324 as capture antibody at concentration of 5 µg/mL and GTX634158 as detection antibody at concentration of 1 µg/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.



GTX634158 ICC/IF Image

Immunofluorescent analysis of non-infected and infected vero cells using Zika virus NS1 protein antibody [GT5212] (GTX634158).
Green: Zika virus NS1 protein antibody [GT5212] (GTX634158) diluted at 1:500.



GTX634158 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX634158 as capture antibody at concentration of 5 µg/mL and GTX133306 as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.

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