

Zika virus Envelope protein antibody [GT363]

Cat. No. GTX634155

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, ELISA, IHC, Sandwich ELISA
Reactivity	Zika virus

References (7)

★★★★★ Review (3)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:50-1:3000
ICC/IF	1:100-1:1000
ELISA	1:1000-1:10000
IHC	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX634155 / GTX133326, Detection : GTX133326 / GTX634155 / GTX133325

Not tested in other applications.

Product Note

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

Properties

Form	Liquid
Buffer	PBS
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 center region of Zika virus Envelope protein (Zika virus (strain H/PF/2013)). The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

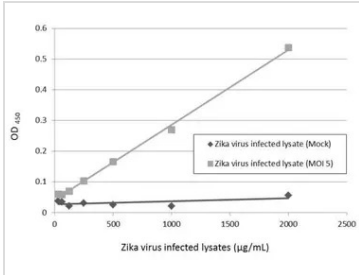


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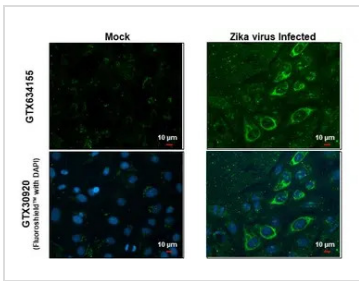
Note
 Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX634155 ELISA Image

Sandwich ELISA detection of Zika virus-infected lysate using GTX634155 as capture antibody at concentration of 5 µg/mL and GTX133326 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.

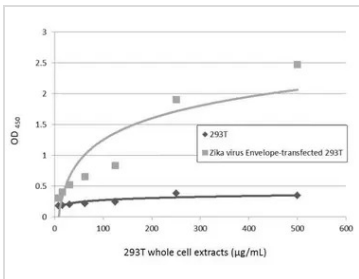


GTX634155 ICC/IF Image

Immunofluorescent analysis of arboviruses infected cells using Zika virus Envelope protein antibody [GT363] (GTX634155).

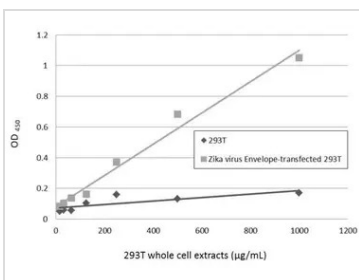
Sample: Mock and zika virus-infected cells.

Green: Zika virus Envelope protein antibody [GT363] (GTX634155) diluted at 1:100.



GTX634155 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX634155 as capture antibody at concentration of 5 µg/mL and GTX133326 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.



GTX634155 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX133326 as capture antibody at concentration of 5 µg/mL and GTX634155 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.



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