

Zika virus Envelope protein antibody [GT363]

Cat. No. GTX634155

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

Reference (6)

★★★★★ Review (3)

Package

100 µl, 25 µl

APPLICATION

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.

Calculated MW 54 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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



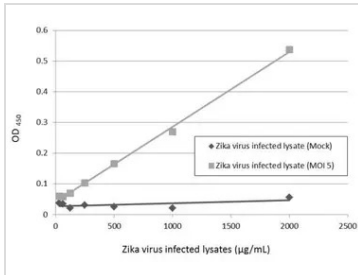
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Note

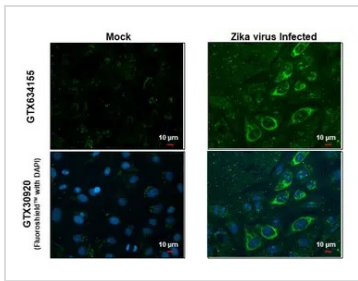
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DATA IMAGES



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.

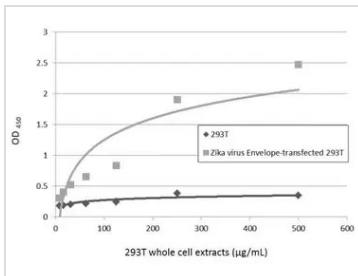


GTX634155 ICC/IF Image

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

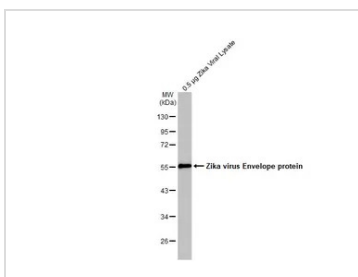
Sample: Mock and zika virus-infected cells.

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 WB Image

Zika virus Viral Lysate (0.5 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Zika virus Envelope protein antibody [GT363] (GTX634155) diluted at 1:2000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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