

Zika virus Envelope protein antibody [GT871]

Cat. No. GTX634157

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, ELISA, Sandwich ELISA
Reactivity	Zika virus

References (2)

★★★★★ 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
Sandwich ELISA	Assay dependent

Note : Capture : GTX634157 / GTX133326, Detection : GTX133326 / GTX634157 / GTX133325

Not tested in other applications.

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

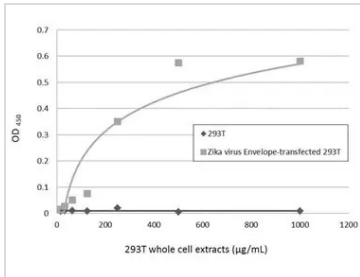
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (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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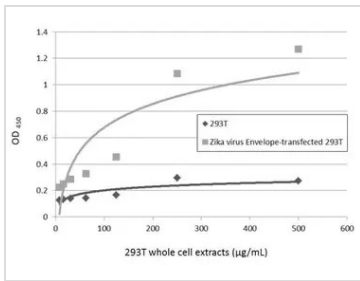
Note
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DATA IMAGES



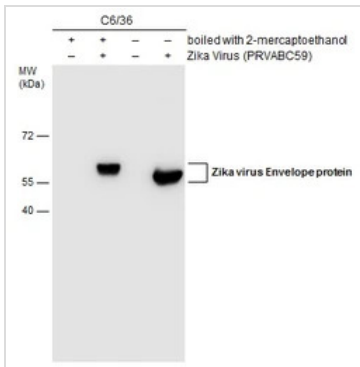
GTX634157 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX634157 as capture antibody at concentration of 5 µg/mL and GTX133325 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.



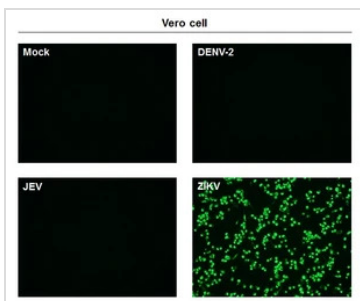
GTX634157 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX634157 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.



GTX634157 WB Image

Untreated (-) and treated (+) C6/36 cell extracts (15 µg) were separated by gradient gel, and the membrane was blotted with Zika virus Envelope protein antibody [GT871] (GTX634157) diluted at 1:2000.



GTX634157 ICC/IF Image

Immunofluorescent analysis of non-infected and infected vero cells using Zika virus Envelope protein antibody [GT871] (GTX634157).
Green: Zika virus Envelope protein antibody [GT871] (GTX634157) diluted at 1:500.



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