

Zika virus Envelope protein antibody

Cat. No. GTX133326

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, ELISA, Sandwich ELISA
Reactivity	Zika virus

Reference (3)
 Package
 100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
ELISA	1:1000-1:10000
Sandwich ELISA	Assay dependent

Note : Capture : GTX634155 / GTX634157 / GTX133326, Detection : GTX133326 / GTX634157 / GTX634155

Not tested in other applications.

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

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.18 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of Zika virus Envelope protein (Zika virus (strain H/PF/2013)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



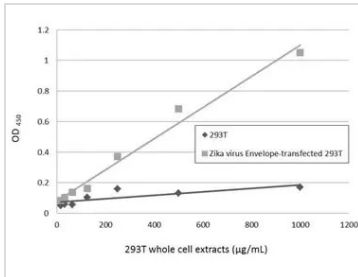
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Note

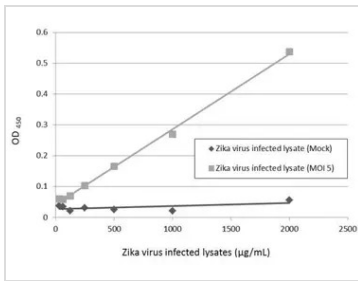
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DATA IMAGES



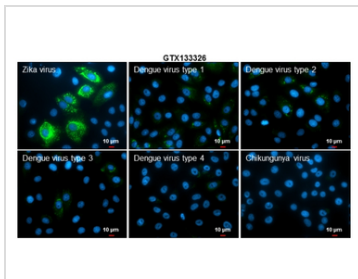
GTx133326 ELISA Image

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.



GTx133326 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.



GTx133326 ICC/IF Image

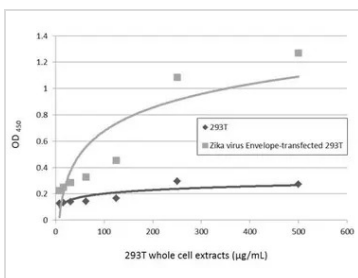
Immunofluorescent analysis of arboviruses infected cells using Zika virus Envelope protein antibody (GTx133326).

Samples: EUROIMMUN Arboviral Fever Mosaic 2 slide (FR 2668-1010-1).

Green: Zika virus Envelope protein antibody (GTx133326) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.



GTx133326 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.



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