

Zika virus Envelope protein antibody [GT314]

Cat. No. GTX645189

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ELISA, Sandwich ELISA
Reactivity	Zika virus

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX637298, Detection: GTX645189

Not tested in other applications.

Product Note

This antibody is specific for Zika virus Envelope protein, and it does not cross-react with Envelope protein of Japanese encephalitis virus and Dengue virus type 1/2/3/4.

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	Recombinant fragment of Zika virus Envelope protein. (#H/PF/2013)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



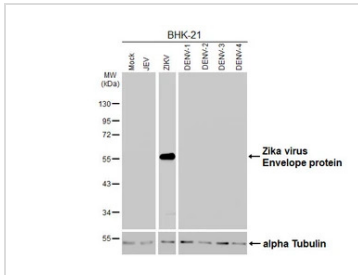
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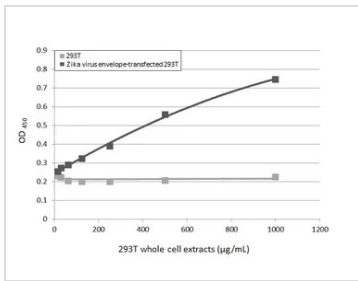
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Note

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DATA IMAGES

GTx645189 WB Image

Non-infected and infected BHK-21 whole cell extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Zika virus Envelope protein antibody [GT314] (GTx645189) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.


GTx645189 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using antibodies as below.

Capture: Zika virus Envelope protein antibody [HL1699] (GTx637298) (5 µg/mL)

Detection: Zika virus Envelope protein antibody [GT314] (GTx645189) (1 µg/mL)



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