Zika virus Envelope protein antibody [HL1699]

Cat. No. GTX637298

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, 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
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX63729, Detection: GTX64518

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. 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, Z16006, and SZ-WIV01.

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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to Zika virus Envelope protein. (strain:"H/PF/2013")
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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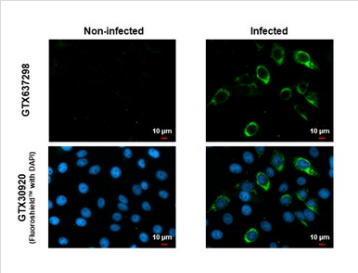
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

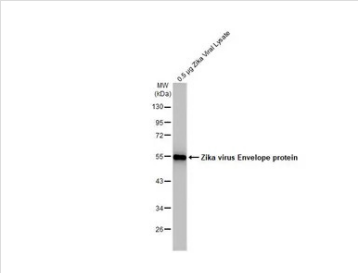
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



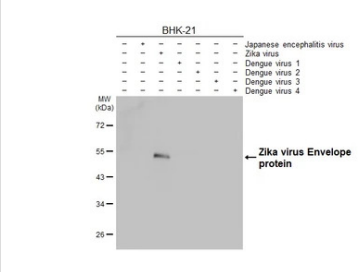
GTX637298 ICC/IF Image

Immunofluorescent analysis of mock and Zika virus-infected cells using Zika virus Envelope protein antibody [HL1699] (GTX637298).
Sample: Zika virus non-infected and infected cells slide.
Green: Zika virus Envelope protein antibody [HL1699] (GTX637298) diluted at 1:100.
Blue: Fluoroshield with DAPI (GTX30920).



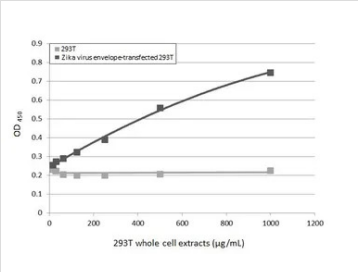
GTX637298 WB Image

Zika viral lysate (0.5 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Zika virus Envelope protein antibody [HL1699] (GTX637298) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637298 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 [HL1699] (GTX637298) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637298 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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