

Zika virus Envelope protein antibody [HL1699]

Cat. No. GTX637298

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
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

Not tested in other applications.

Product Note

This antibody is specific for Zika virus NS4B protein, and it does not cross-react with NS4B 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.

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	Synthetic peptide corresponding to Zika virus Envelope protein. (strain:"H/PF/2013")
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

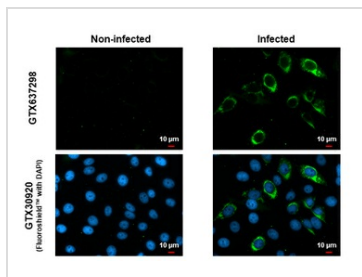
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DATA IMAGES



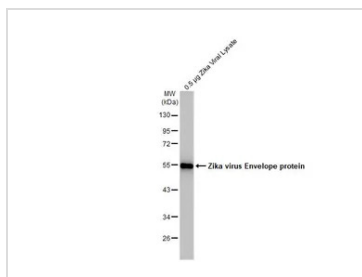
GTX637298 ICC/IF Image

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.

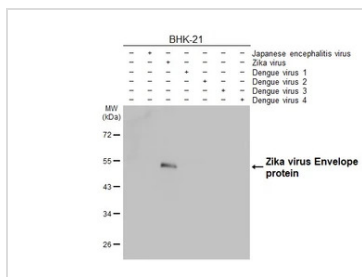
Green: Zika virus Envelope protein antibody [HL1699] (GTX637298) diluted at 1:100.

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.



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