

## Zika virus Envelope protein antibody [HL1699]

**Cat. No. GTX637298**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, ELISA, Sandwich ELISA
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic peptide corresponding to Zika virus Envelope protein. (strain:"H/PF/2013" )
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated



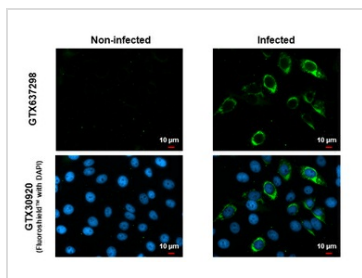
For full product information, images and publications, please visit our [website](#).

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

**Note**

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



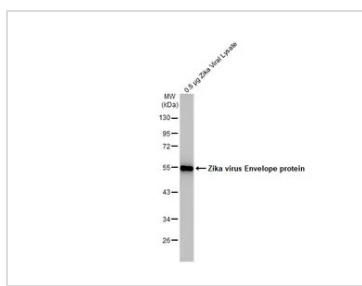
**GTX637298 ICC/IF Image**

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.

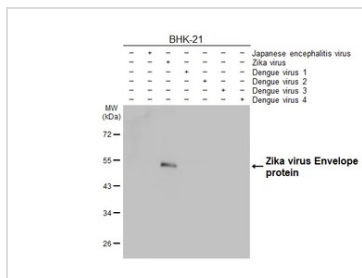
Green: Zika virus Envelope protein antibody [HL1699] (GTX637298) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



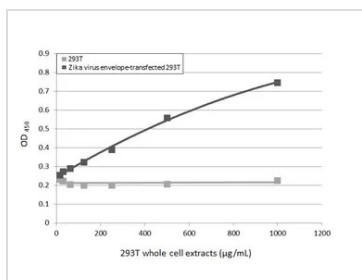
**GTX637298 WB Image**

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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