

# Zika virus NS4B protein antibody [HL1663]

**Cat. No. GTX637261**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P (cell pellet)
<b>Reactivity</b>	Zika virus

★★★★★ Review ( 1 )

**Package**  
100 µl, 25 µl

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P (cell pellet)	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.

## 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>	Full length Zika virus NS4B recombinant protein. (strain:"H/PF/2013")
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

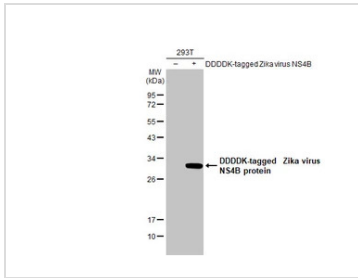
### Note

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

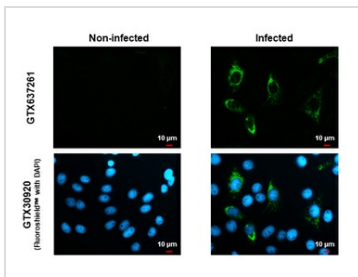
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**DATA IMAGES**

**GTX637261 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Zika virus NS4B protein antibody [HL1663] (GTX637261) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

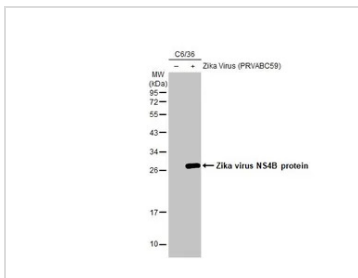

**GTX637261 ICC/IF Image**

Immunofluorescent analysis of mock and Zika virus-infected cells using Zika virus NS4B protein antibody [HL1663]antibody (GTX637261).

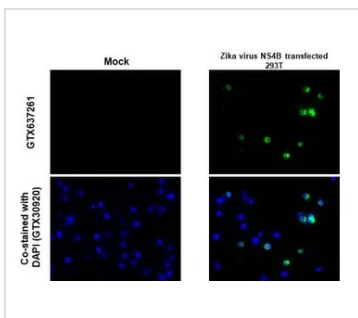
Sample: Zika virus non-infected and infected cells slide.

Green: Zika virus NS4B protein antibody [HL1663]antibody (GTX637261) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).


**GTX637261 WB Image**

Non-infected (–) and infected (+) C6/36 whole cell extracts (5 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Zika virus NS4B protein antibody [HL1663] (GTX637261) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX637261 IHC-P (cell pellet) Image**

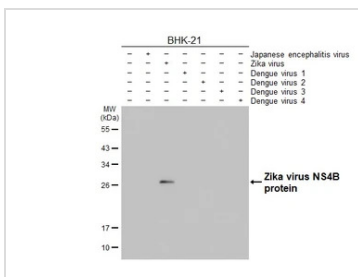
Zika virus NS4B protein antibody [HL1663] detects Zika virus NS4B protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mock and Zika virus NS4B transfected 293T.

Green: Zika virus NS4B stained by Zika virus NS4B protein antibody [HL1663] (GTX637261) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX637261 WB Image**

Non-infected (–) and infected (+) BHK-21 whole cell extracts (5 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Zika virus NS4B protein antibody [HL1663] (GTX637261) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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