

## 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

References ( 1 )

★★★★★ 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

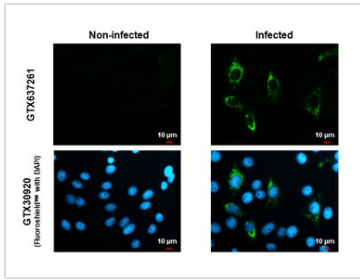
**Note**

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

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.

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DATA IMAGES



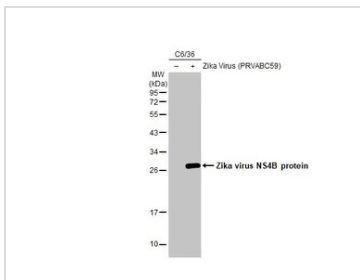
**GTX637261 ICC/IF Image**

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.

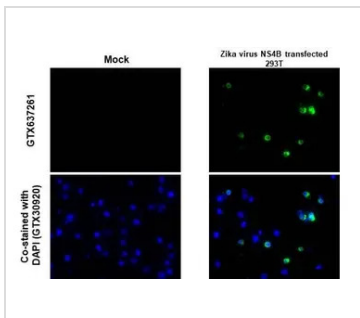
Blue: Fluoroshield with DAPI (GTX30920).



**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**

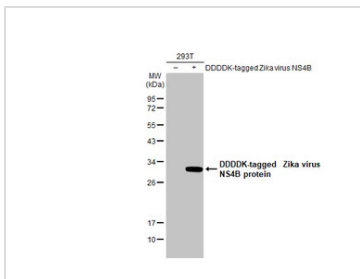
Zika virus NS4B protein antibody [HL1663] detects Zika virus NS4B protein at cytoplasm by immunohistochemical analysis.

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).

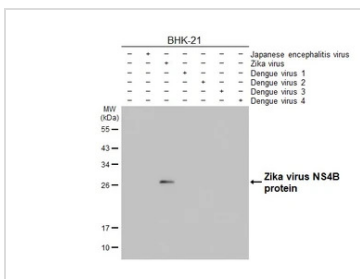
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX637261 WB Image**

Non-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 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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