Zika virus NS4B protein antibody [HL1664]

Cat. No. GTX637262

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

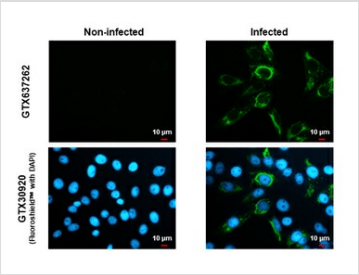
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length Zika virus NS4B recombinant protein. (strain:"H/PF/2013")
Purification	Affinity purified by Protein A.
Conjugation	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.

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

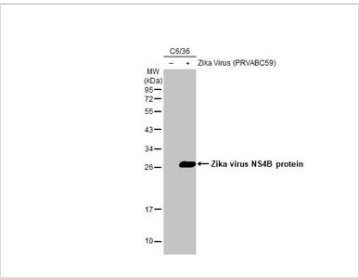
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

DATA IMAGES



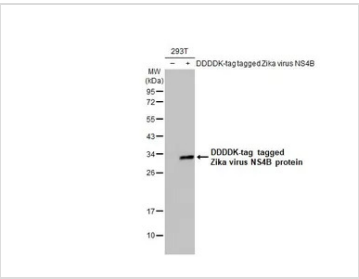
GTX637262 ICC/IF Image

Immunofluorescent analysis of mock and Zika virus-infected cells using Zika virus NS4B protein antibody [HL1664]antibody (GTX637262).
Sample: Zika virus non-infected and infected cells slide.
Green: Zika virus NS4B protein antibody [HL1664]antibody (GTX637262) diluted at 1:100.
Blue: Fluoroshield with DAPI (GTX30920).



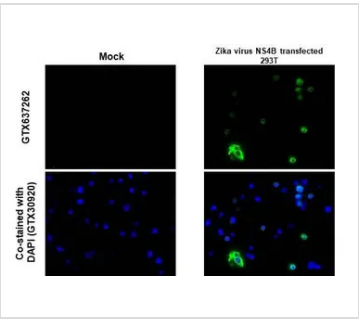
GTX637262 WB Image

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 [HL1664] (GTX637262) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



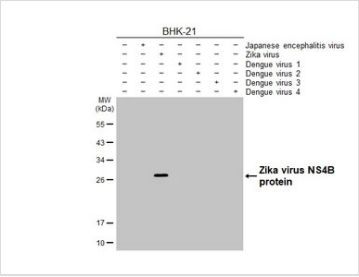
GTX637262 WB Image

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 [HL1664] (GTX637262) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637262 IHC-P (cell pellet) Image

Zika virus NS4B protein antibody [HL1664] 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 [HL1664] (GTX637262) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX637262 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 [HL1664] (GTX637262) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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