

Dengue virus NS4B protein antibody

Cat. No. GTX103349

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, FACS
Reactivity	Dengue virus 2

Reference (9)

★★★★★ Review (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:2000
FACS	Assay dependent

Not tested in other applications.

Calculated MW	27 kDa. (Note)
Product Note	This antibody was raised against Dengue virus 2 NS4B protein, which may cross react with NS4B protein of Dengue virus 3.

PROPERTIES

Form	Liquid
Buffer	PBS, 40% Glycerol
Preservative	0.01% Thimerosal
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	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of Dengue virus NS4B protein (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



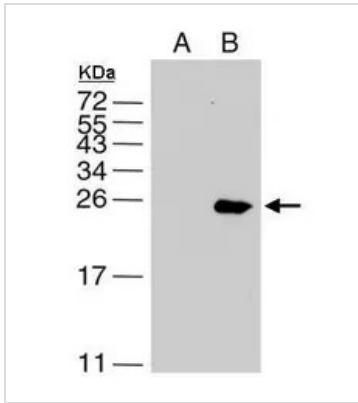
For full product information, images and publications, please visit our [website](#).

Date 2024 / 05 / 02 Page 1 of 2

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

GTx103349 WB Image

Sample(15 µg of cell lysate)

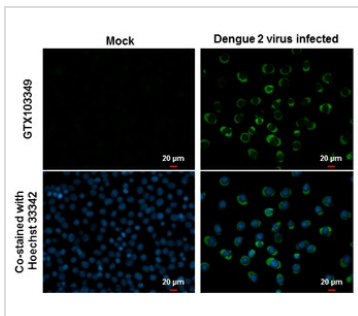
A: BHK21

B: DV infected BHK21

10% SDS PAGE

GTx103349 diluted at 1:5000

The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

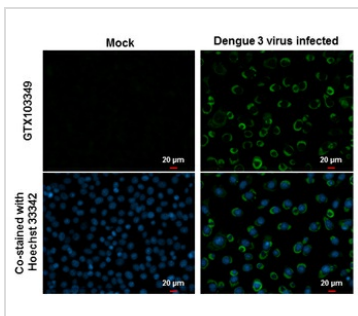

GTx103349 ICC/IF Image

NS4B (Dengue virus) antibody detects NS4B (Dengue virus) protein at cytoplasm by immunofluorescent analysis.

Samples: BHK-21 cells mock (left) and infected with Dengue virus 2 (right) were fixed in MeOH.

Green: NS4B (Dengue virus) protein stained by NS4B (Dengue virus) antibody (GTx103349) diluted at 1:2000.

Blue: Hoechst 33342 staining.


GTx103349 ICC/IF Image

NS4B (Dengue virus) antibody detects NS4B (Dengue virus) protein at cytoplasm by immunofluorescent analysis.

Samples: BHK-21 cells mock (left) and infected with Dengue virus 3 (right) were fixed in MeOH.

Green: NS4B (Dengue virus) protein stained by NS4B (Dengue virus) antibody (GTx103349) diluted at 1:2000.

Blue: Hoechst 33342 staining.



For full product information, images and publications, please visit our [website](https://www.genetex.com).