

Dengue virus NS4B protein antibody

Cat. No. GTX103349

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM
Reactivity	Dengue virus 2

References (13)

★★★★★ Review (2)

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	1:100-1:2000
FCM	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



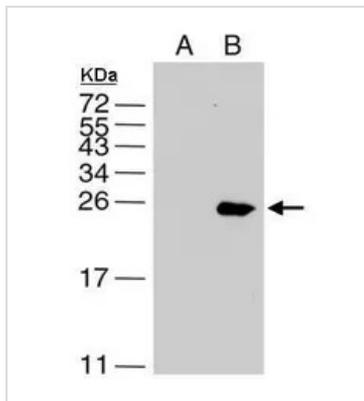
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Note

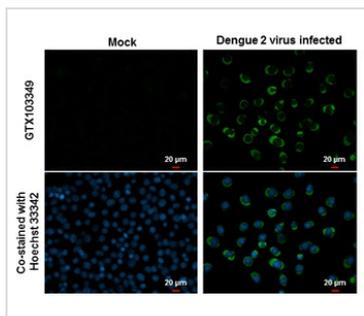
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DATA IMAGES



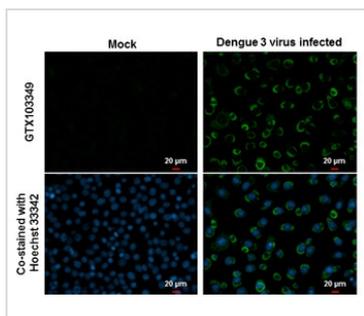
GTX103349 WB Image

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.



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