

Dengue virus NS4B protein antibody

Cat. No. GTX124250

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

Reference (21)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
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 but does not recognize with NS4B protein of JEV.

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.88 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length Dengue virus 2 NS4B Recombinant protein (Dengue virus 2 (strain 16681 PDK 53))
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

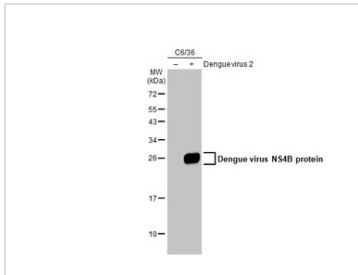


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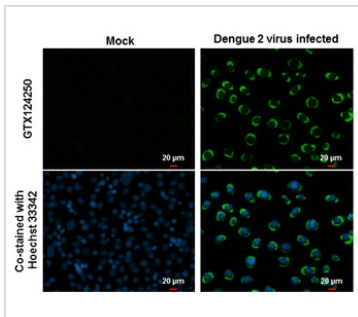
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Note

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DATA IMAGES

GTx124250 WB Image

Non-infected (–) and infected (+) C6/36 whole cell extracts (15 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Dengue virus NS4B protein antibody (GTx124250) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

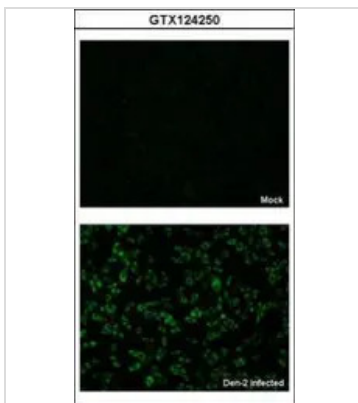

GTx124250 ICC/IF Image

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 (GTx124250) diluted at 1:2000.

Blue: Hoechst 33342 staining.


GTx124250 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed BHK-21 cell, using NS4B (Dengue virus 2) (GTx124250) antibody at 1:2000 dilution.



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