

Dengue virus Capsid protein antibody

Cat. No. GTX124247

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

References (6)

Package

100 µl, 25 µl

Applications

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
ELISA	Assay dependent

Not tested in other applications.

Calculated MW

12 kDa. ([Note](#))

Product Note

This antibody was raised against Dengue virus 2 Capsid protein, which may cross react with Capsid protein of Dengue virus 3 but does not recognize with Capsid protein of JEV.

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% 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	Full length Dengue virus 2 Capsid Recombinant protein (Dengue virus 2 (strain 16681 PDK 53))
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



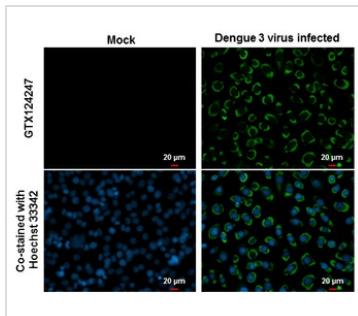
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Note

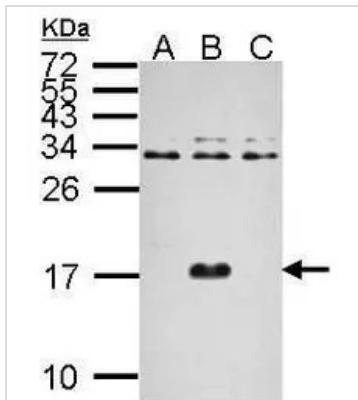
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DATA IMAGES**GTX124247 ICC/IF Image**

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

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

Green: Capsid Protein (Dengue virus) protein stained by Capsid Protein (Dengue virus) antibody (GTX124247) diluted at 1:2000.
Blue: Hoechst 33342 staining.

**GTX124247 WB Image**

Sample (20 μg of whole cell lysate)

A: BHK-21

B: Dengue virus 2 infect BHK-21

C: Japanese encephalitis virus infect BHK-21

15% SDS PAGE

GTX124247 diluted at 1:2000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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