

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 |

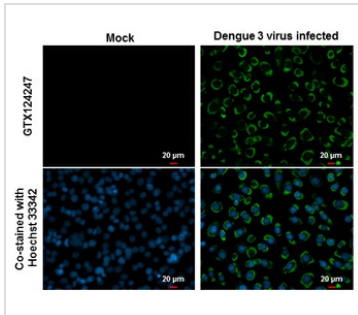


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Note

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DATA IMAGES

GTx124247 ICC/IF Image

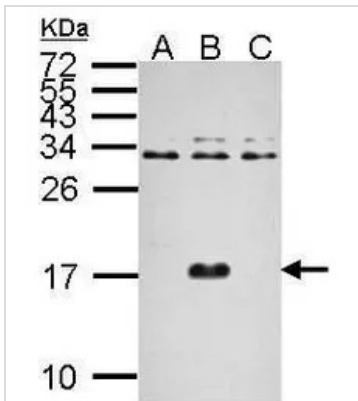
Capsid Protein (Dengue virus) antibody detects Capsid Protein (Dengue virus) protein at cytoplasm by immunofluorescent analysis.

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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