Dengue virus Envelope protein antibody

Cat. No. GTX127277

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA, IHC-P (cell pellet)
Reactivity	Dengue virus 2

References (43)

Review (1)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:2000
IHC-P	1:100-1:1000
ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

Calculated MW	54 kDa. (Note)
Product Note	This antibody was raised against Dengue virus 2 Envelope protein, which may cross react with Envelope protein of Dengue virus 3 but does not recognize with Envelope 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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1.38 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of Dengue virus Envelope 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.

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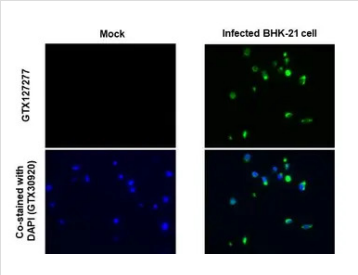
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

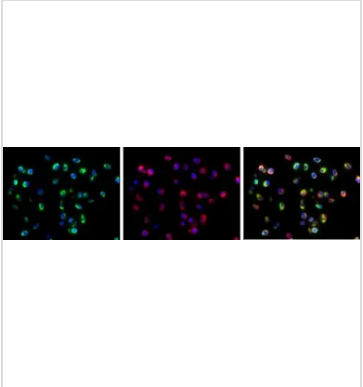
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



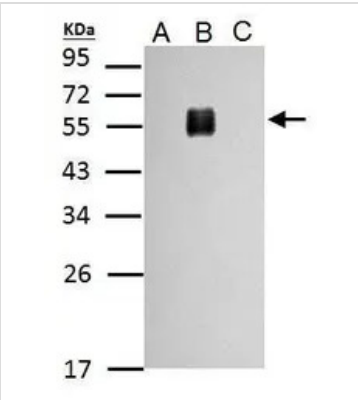
GTX127277 IHC-P (cell pellet) Image

Dengue virus Envelope protein antibody detects Dengue virus Envelope protein protein at cytoplasm by immunohistochemical analysis.
Sample: BHK-21 cells mock (left) and infected with Dengue virus (right) FFPE Cell Pellet Block.
Green: Dengue virus Envelope protein stained by Dengue virus Envelope protein antibody (GTX127277) diluted at 1:1000.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX127277 IHC-P Image

Dengue virus Envelope protein antibody detects Dengue virus Envelope protein protein at cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded BHK-21 infected with dengue virus.
Green: Dengue virus Envelope protein stained by Dengue virus Envelope protein antibody (GTX127277) diluted at 1:2000.
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX127277 WB Image

Sample (20 µg of whole cell lysate)
A: BHK-21
B: Dengue virus 2 infected BHK-21
C: JEV infected BHK-21
12% SDS PAGE
GTX127277 diluted at 1:10000
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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