Chikungunya virus nsP3 antibody [HL2479]

Cat. No. GTX638828

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P (cell pellet)
Reactivity	Chikungunya Virus

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:50000
ICC/IF	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of Chikungunya virus nsP3. (strain S27-African prototype)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
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.

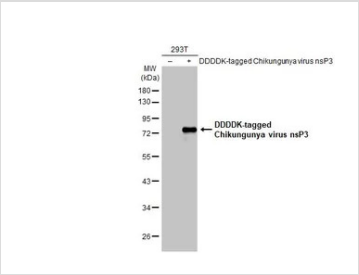
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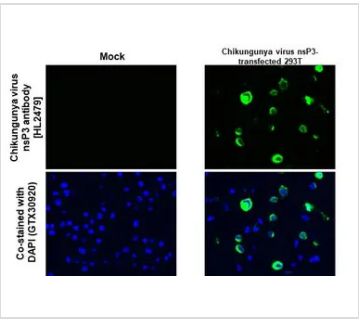
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DATA IMAGES



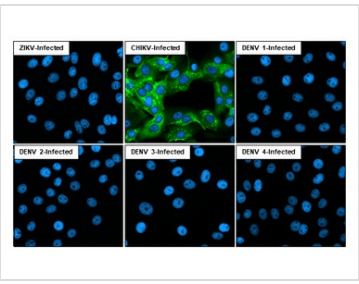
GTX638828 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Chikungunya virus nsP3 antibody [HL2479] (GTX638828) diluted at 1:30000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



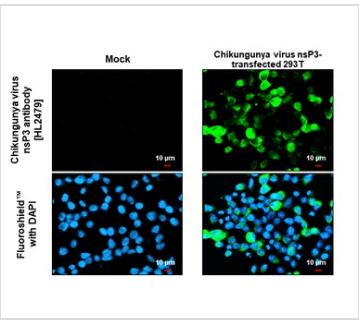
GTX638828 IHC-P (cell pellet) Image

Chikungunya virus nsP3 antibody [HL2479] detects Chikungunya virus nsP3 protein at cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded mock and Chikungunya virus nsP3 - transfected 293T cell pellet.
Green: Chikungunya virus nsP3 stained by Chikungunya virus nsP3 antibody [HL2479] (GTX638828) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX638828 ICC/IF Image

Immunofluorescent analysis of Chikungunya virus infected cells using Chikungunya virus nsP3 antibody [HL2479] antibody (GTX638828).
Sample: Multiple virus infected cells slide.
Green: Chikungunya virus nsP3 antibody [HL2479] antibody (GTX638828) diluted at 1:100.
Blue: Fluoroshield with DAPI (GTX30920).



GTX638828 ICC/IF Image

Chikungunya virus nsP3 antibody [HL2479] detects Chikungunya virus nsP3 protein by immunofluorescent analysis.
Sample: Mock and transfected 293T cells were fixed in ice-cold MeOH for 5 min.
Green: Chikungunya virus nsP3 stained by Chikungunya virus nsP3 antibody [HL2479] (GTX638828) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Scale bar= 10µm.

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