Chikungunya virus E1 antibody [HL2069]

Cat. No. GTX637973

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

References (2)
Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Product Note	This antibody was raised against Chikungunya virus E1 protein, and it does not cross-react with Zika, DENV-1, DENV-2, DENV-3, and DENV-4 E1 protein.

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 E1. (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.

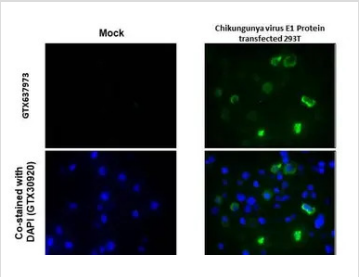
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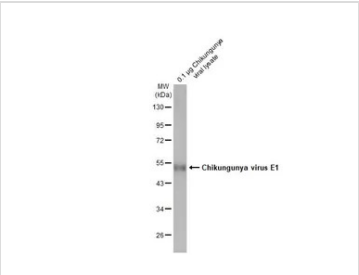
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DATA IMAGES



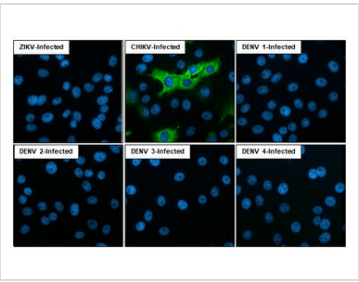
GTX637973 IHC-P Image

Chikungunya virus E1 antibody [HL2069] detects Chikungunya virus E1 protein by immunohistochemical analysis.
Sample: Paraffin-embedded mock and Chikungunya virus E1 Protein transfected 293T.
Chikungunya virus E1 stained by Chikungunya virus E1 antibody [HL2069] (GTX637973) diluted at 1:100.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX637973 WB Image

Chikungunya viral lysate (0.1 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Chikungunya virus E1 antibody [HL2069] (GTX637973) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



GTX637973 ICC/IF Image

Chikungunya virus E1 antibody [HL2069] detects Chikungunya virus E1 protein by immunofluorescent analysis.
Sample: Mock and multiple virus infected cells slide.
Green: Chikungunya virus E1 stained by Chikungunya virus E1 antibody [HL2069] (GTX637973) diluted at 1:100.
Blue: Fluoroshield with DAPI (GTX30920).

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