

## 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 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	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.

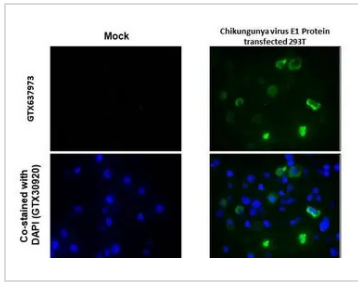
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## DATA IMAGES



### GTX637973 IHC-P Image

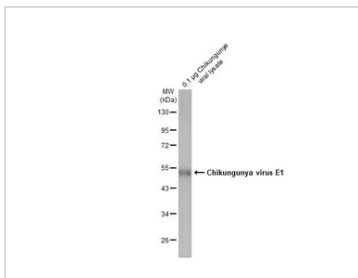
Chikungunya virus E1 antibody [HL2069] detects Chikungunya virus E1 protein by immunohistochemical analysis.

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.

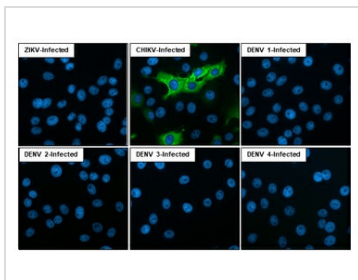
Blue: Fluoroshield with DAPI (GTX30920).

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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