

## Chikungunya virus nsP2 antibody [HL1488]

Cat. No. GTX636962

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	1:500-1:10000
ICC/IF	1:100-1:1000
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
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 protein encompassing a sequence within the N-terminus region of Chikungunya virus nsP2. (strain S27-African prototype)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

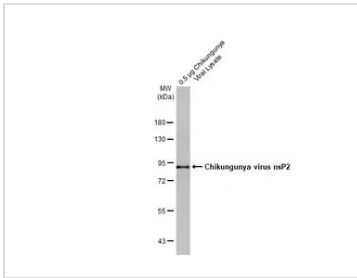
## Note

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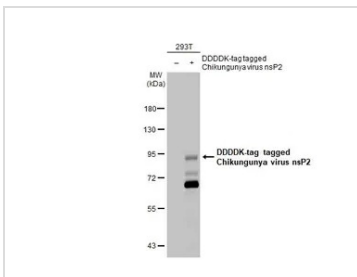
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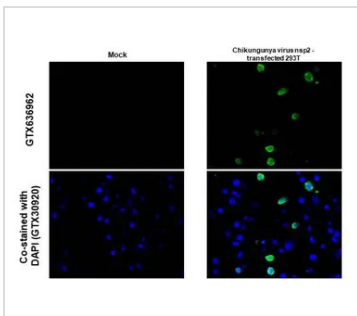
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**DATA IMAGES**

**GTX636962 WB Image**

Chikungunya viral lysate (0.5 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Chikungunya virus nsP2 antibody [HL1488] (GTX636962) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636962 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Chikungunya virus nsP2 antibody [HL1488] (GTX636962) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636962 IHC-P (cell pellet) Image**

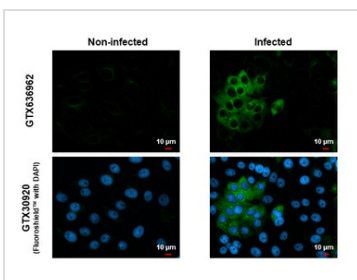
Chikungunya virus nsP2 antibody [HL1488] detects Chikungunya virus nsP2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mock and Chikungunya virus nsP2 - transfected 293T cell pellet.

Green: Chikungunya virus nsP2 stained by Chikungunya virus nsP2 antibody [HL1488] (GTX636962) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX636962 ICC/IF Image**

Immunofluorescent analysis of mock and Chikungunya virus-infected cells using Chikungunya virus nsP2 antibody [HL1488] (GTX636962).

Sample: Chikungunya virus non-infected and infected cells slide.

Green: Chikungunya virus nsP2 antibody [HL1488] (GTX636962) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



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