

## Chikungunya virus nsP4 antibody

**Cat. No. GTX135190**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF
<b>Reactivity</b>	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
ICC/IF	Assay dependent

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	1.27 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the N-terminus region of Chikungunya virus nsP4 (Chikungunya virus (strain S27-African prototype)). The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

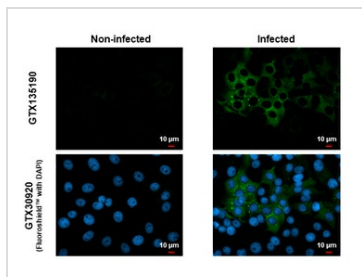
**Note**

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



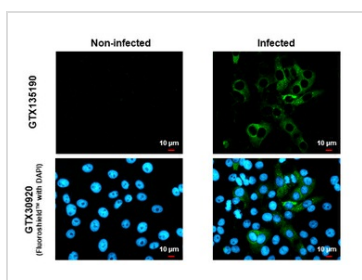
**GTX135190 ICC/IF Image**

Immunofluorescent analysis of mock and Chikungunya virus-infected cells using Chikungunya virus nsP4 antibody (GTX135190).

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

Green: Chikungunya virus nsP4 antibody (GTX135190) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



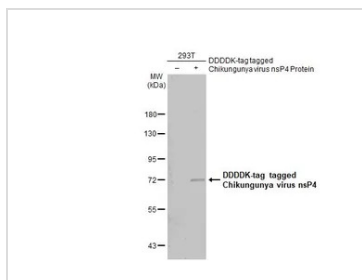
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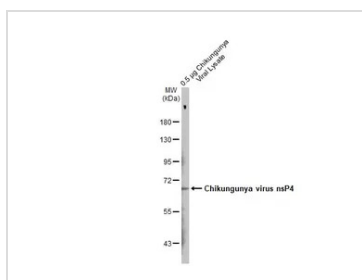
Green: Chikungunya virus nsP4 antibody (GTX135190) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



**GTX135190 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 nsP4 antibody (GTX135190) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX135190 WB Image**

Chikungunya viral lysate (0.5 μg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Chikungunya virus nsP4 antibody (GTX135190) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



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