

Chikungunya virus nsP2 antibody

Cat. No. GTX135188

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

References (1)

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, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| 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 | 0.65 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of Chikungunya virus nsP2. (#strain S27-African prototype) |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

Note

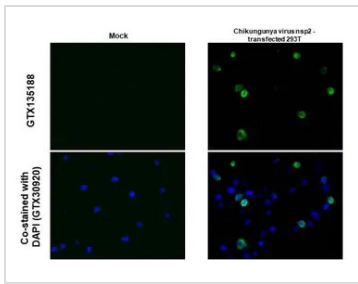
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DATA IMAGES



GTX135188 IHC-P (cell pellet) Image

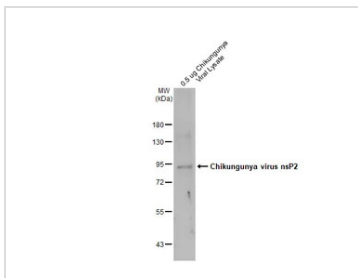
Chikungunya virus nsP2 antibody detects Chikungunya virus nsP2 protein at cytoplasm by immunohistochemical analysis.

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

Green: Chikungunya virus nsP2 stained by Chikungunya virus nsP2 antibody (GTX135188) diluted at 1:1000.

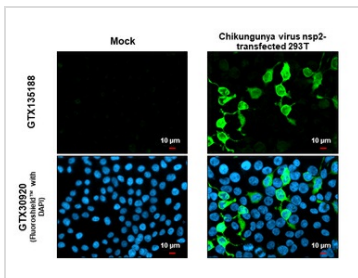
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX135188 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 (GTX135188) diluted at 1:100000. 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.



GTX135188 ICC/IF Image

Chikungunya virus nsP2 antibody detects Chikungunya virus nsP2 protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Chikungunya virus nsP2 stained by Chikungunya virus nsP2 antibody (GTX135188) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Scale bar= 10µm.



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