

Chikungunya virus Capsid antibody [HL5731]

Cat. No. GTX646682

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Sandwich ELISA
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	1:500-1:3000
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX646682, Detection: GTX648986

Please notice that the detection antibody needs to be conjugated to HRP to function as the detection antibody when paired with the capture antibody. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

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 Capsid. (strain S27-African prototype)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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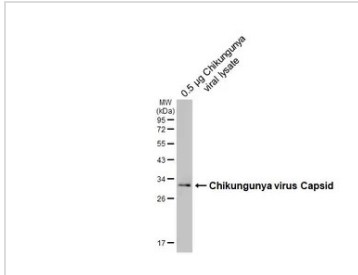
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Note

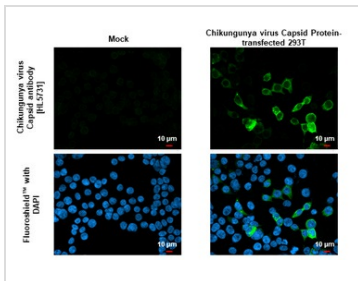
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DATA IMAGES



GTx646682 WB Image

Chikungunya viral lysate (0.5 μ g) was separated by 12% SDS-PAGE, and the membrane was blotted with Chikungunya virus Capsid antibody [HL5731] (GTx646682) 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 femto Western HRP Substrate.



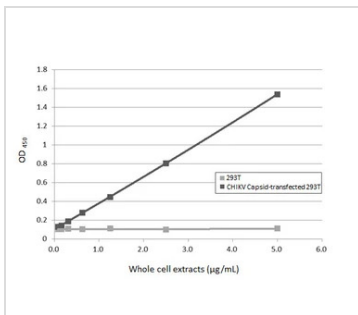
GTx646682 ICC/IF Image

Chikungunya virus Capsid antibody [HL5731] detects Chikungunya virus Capsid protein by immunofluorescent analysis.

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

Green: Chikungunya virus Capsid stained by Chikungunya virus Capsid antibody [HL5731] (GTx646682) diluted at 1:500.

Blue: Fluoroshield™ with DAPI (GTx30920).



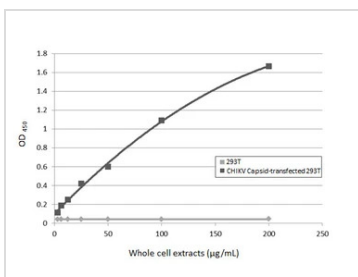
GTx646682 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using antibodies as below.

Capture: Chikungunya virus Capsid antibody [HL5731] (GTx646682) (5 μ g/mL)

Detection: HRP-conjugated Chikungunya virus Capsid antibody [HL6530] (GTx648986) (1 μ g/mL)

Please notice that GTx648986 needs to be conjugated to HRP to function as the detection antibody when paired with GTx646682. Please contact us for custom HRP-conjugated antibody.



GTx646682 ELISA Image

Indirect ELISA analysis was performed by coating the plate with non-transfected and transfected 293T whole cell extracts. Coated protein was probed with Chikungunya virus Capsid antibody [HL5731] (GTx646682) (1 μ g/mL). Goat anti-rabbit IgG antibody (HRP) (GTx213110-01) (1:10000) was used to detect the bound primary antibody.



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