

SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL146]

Cat. No. GTX635680

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM, ELISA, Sandwich ELISA
Reactivity	SARS Coronavirus, SARS Coronavirus 2

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
FCM	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX635680, Detection : GTX635678 / GTX635688.

Please notice that GTX635688 / GTX635678 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635680. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note This antibody detects both SARS-CoV nucleocapsid and SARS-CoV-2 nucleocapsid proteins. Our internal testing indicates no cross-reactivity with MERS-CoV nucleocapsid 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	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))
Purification	Affinity purified by protein A.



For full product information, images and publications, please visit our [website](#).

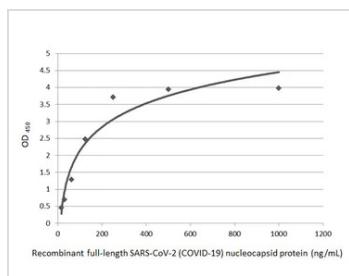
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Conjugation

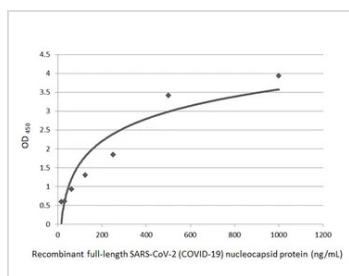
Unconjugated

Note

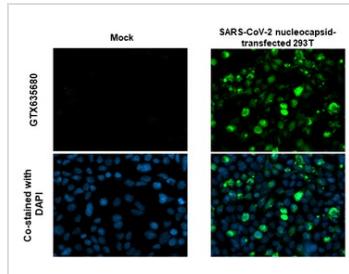
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES**GTX635680 ELISA Image**

Sandwich ELISA detection of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein, His tag protein (GTX135592-pro) using SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL146] (GTX635680) as capture antibody at concentration of 5 μ g/mL and HRP-conjugated SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL249] (GTX635678) as detection antibody at concentration of 1 μ g/mL.

**GTX635680 ELISA Image**

Sandwich ELISA detection of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein, His tag protein (GTX135592-pro) using SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL146] (GTX635680) as capture antibody at concentration of 5 μ g/mL and HRP-conjugated SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) as detection antibody at concentration of 1 μ g/mL.

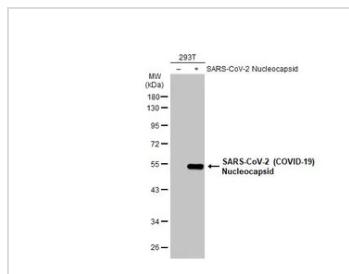
**GTX635680 ICC/IF Image**

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL146] detects SARS-CoV-2 (COVID-19) nucleocapsid protein by immunofluorescent analysis.

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

Green: SARS-CoV-2 (COVID-19) nucleocapsid stained by SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL146] (GTX635680) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

**GTX635680 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL146] (GTX635680) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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