

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455]

Cat No. GTX635688

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA, IHC-P (cell pellet)
Reactivity	SARS Coronavirus, SARS Coronavirus 2

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Note : This antibody has been validated by lateral flow assay based on the customer's feedback.**Capture : GTX635686 / GTX635685 / GTX635680 / GTX635689, Detection: GTX635688.****Please notice that GTX635688 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635685/GTX635680/GTX635689. 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. Gold conjugation version is available upon request.

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	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))

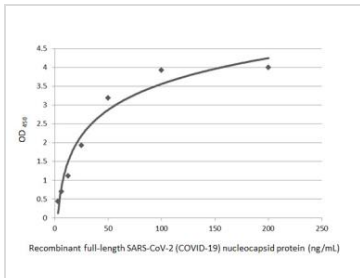
For full product information, images and publications, please visit our [website](#).

Purification Affinity purified by Protein A.

Conjugation Unconjugated

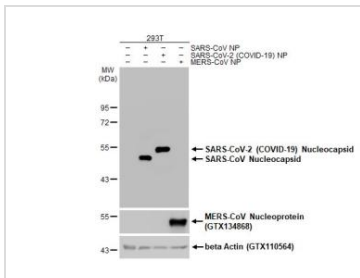
Note For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



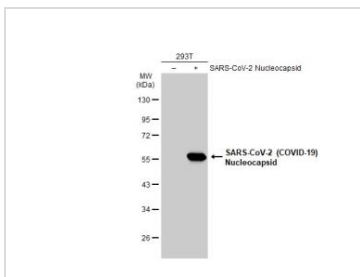
GTX635688 ELISA Image

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 [HL5410] (GTX635685) as capture antibody at concentration of 5 µg/mL and HRP-conjugated SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) as detection antibody at concentration of 1 µg/mL.



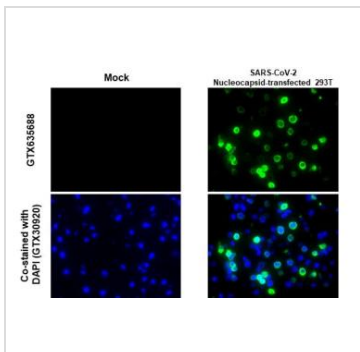
GTX635688 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) diluted at 1:5000. 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.



GTX635688 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX635688 IHC-P (cell pellet) Image

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] detects SARS-CoV-2 (COVID-19) nucleocapsid protein by immunohistochemical analysis.

Sample: Mock (GTX435670) and SARS-CoV-2 (COVID-19) Nucleocapsid transfected 293T cell FFPE Cell Pellet Block (GTX435641).

Green: SARS-CoV-2 (COVID-19) nucleocapsid stained by SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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