

SARS-CoV / SARS-CoV-2 (COVID-19) nucleocapsid antibody [6H3]

Cat No. GTX632269

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, IP, ELISA, sELISA
Reactivity	Human, SARS Coronavirus, SARS Coronavirus 2

★★★★★ Review (1)

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	Assay dependent
IHC-P	Assay dependent
IP	Assay dependent
ELISA	Assay dependent
sELISA	Assay dependent

Note : Capture : GTX135357/GTX135361, Detection : GTX632269

Not tested in other applications.

Specificity/Sensitivity

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.

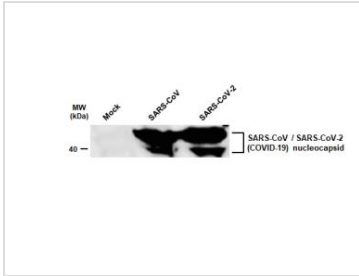
PROPERTIES

Form	Liquid
Buffer	PBS
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	1.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to SARS-CoV Nucleocapsid (121-422 a.a.).
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

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

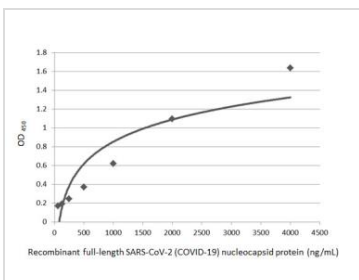
Note For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



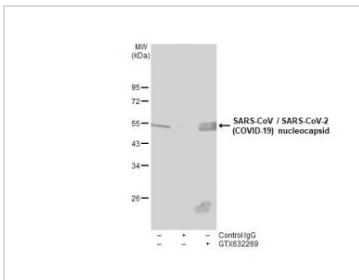
GTX632269 WB Image

Non-infected (-) and infected (+, 48h pi MOI 0.01) Caco2 whole cell extracts were separated by SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) nucleocapsid antibody [6H3] (GTX632269) diluted at 1:1000.



GTX632269 ELISA Image

Sandwich ELISA detection of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135357-pro) using GTX135357 as capture antibody at concentration of 5 µg/mL and GTX632269 as detection antibody at concentration of 1 µg/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.

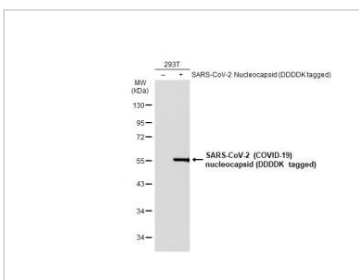


GTX632269 IP Image

Immunoprecipitation of SARS-CoV-2 NP transfected 293T whole cell extracts using 2 µg of SARS-CoV / SARS-CoV-2 (COVID-19) nucleocapsid antibody [6H3] (GTX632269).

Western blot analysis was performed using SARS-CoV / SARS-CoV-2 (COVID-19) nucleocapsid antibody [6H3] (GTX632269).

EasyBlot HRP-conjugated anti mouse IgG antibody (GTX221667-01) was used to detect the primary antibody.



GTX632269 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 Nucleocapsid antibody [6H3] (GTX632269) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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