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

Cat. No. GTX632269

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IP, ELISA, Sandwich ELISA, IHC-P (cell pellet)
Reactivity	SARS Coronavirus, SARS Coronavirus 2

References (46)

Review (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	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Note : Capture : GTX632269 / GTX135361 / GTX135357, Detection : GTX135357 / GTX632269

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 4ºC. For long-term storage, aliquot and store at -20ºC 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.).

For full product information, images and publications, please visit our website.

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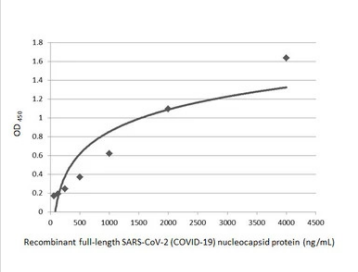
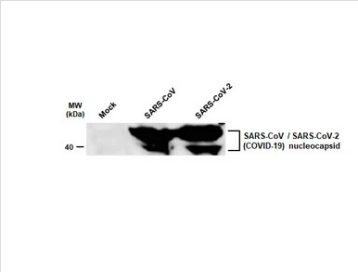
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



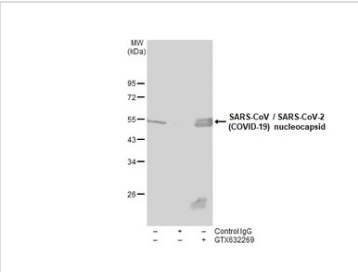
GTX632269 ELISA Image

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.



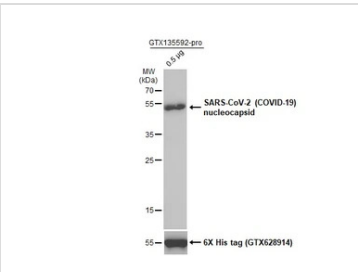
GTX632269 WB Image

Non-infected (–) and infected (+, 48h pl 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 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

SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135592-pro, 0.5 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) nucleocapsid antibody [6H3] (GTX632269) diluted at 1:5000. The HRP-conjugated anti-mouset IgG antibody (GTX213111-01) was used to detect the primary antibody.

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