

## 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 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.).



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

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**Purification**

Affinity purified by Protein G.

**Conjugation**

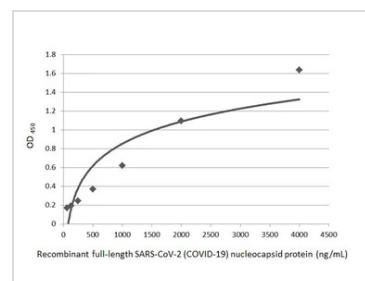
Unconjugated

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

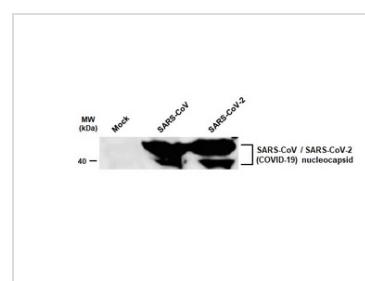
**Note**

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.

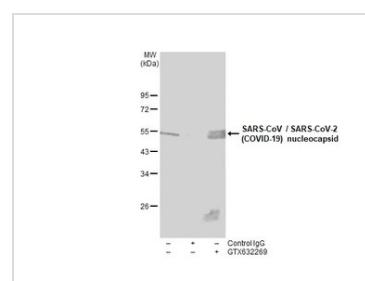
## DATA IMAGES

**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**

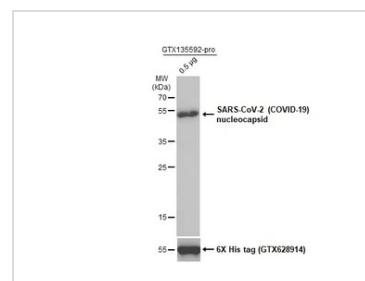
Non-infected (-) and infected (+, 48h pI MOI 0.01) Caco2 whole cell extracts were separated by SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) nucleocapsid antibody [6H3] (GTx632269) diluted at 1:1000.

**GTx632269 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-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



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