

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

Cat. No. GTX632269

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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The immunogen used to generate this antibody corresponds to SARS-CoV Nucleocapsid (121-422 a.a.).

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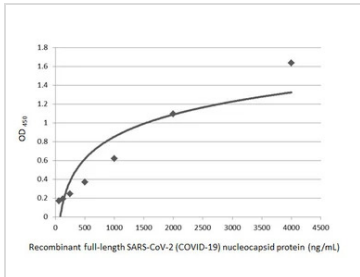
**Purification** Affinity purified by Protein G.

**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.

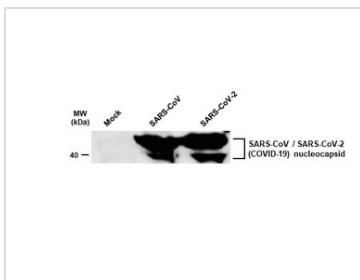
**Note** Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



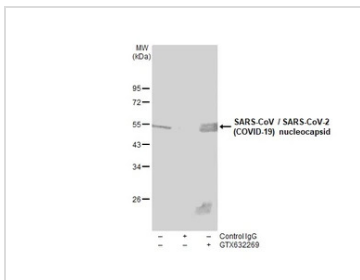
**GTX632269 ELISA Image**

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**

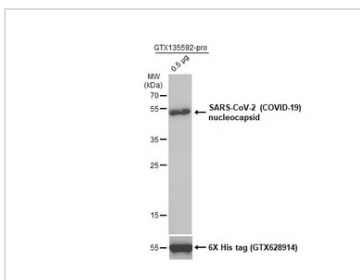
Non-infected (-) and infected (+, 48h pi MOI 0.01) Caco2 whole cell extracts were separated by SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) nucleocapsid antibody [6H3] (GTX632269) diluted at 1:1000.



**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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