

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, Sandwich ELISA, IHC-P (cell pellet) |
| Reactivity | SARS Coronavirus, SARS Coronavirus 2 |

Reference (21)

★★★★★ 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 |
| 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

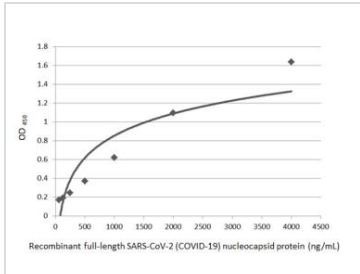
| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS |
| Preservative | No Preservative |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1.5 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. |

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

Conjugation Unconjugated

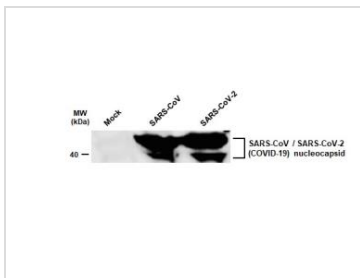
Note For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



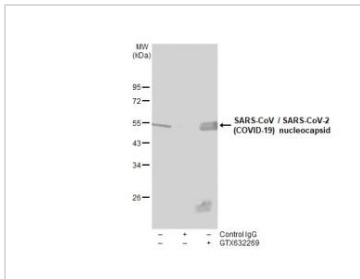
GTX632269 ELISA Image

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.

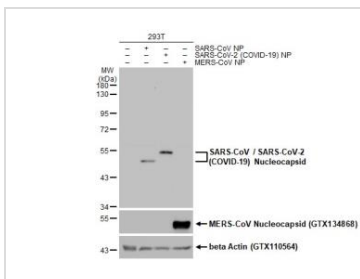


GTX632269 IP Image

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

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% 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, and the signal was developed with Trident ECL plus-Enhanced.



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