SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL344]

Cat. No. GTX635679

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

References (66)
Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:500-1:1000
IHC-Fr	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Note : Recommended heat-Induced Epitope Retrieval pH 6.0 for 20 minutes.
Capture : GTX635679, Detection : GTX635678 / GTX635688 / GTX635686-01.
Please notice that GTX635688 / GTX635678 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635679. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note	This antibody detects SARS-CoV-2 nucleocapsid protein, but does not cross-react with SARS-CoV or MERS-CoV nucleocapsid proteins based on our internal testing.

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 mg/ml (Please refer to the vial label for the specific concentration.)

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

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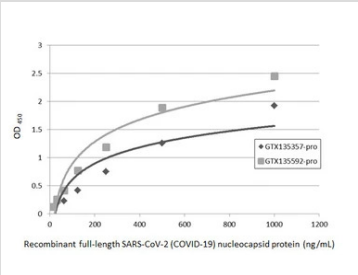
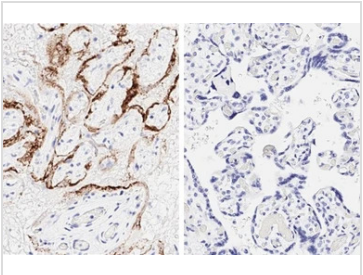
Immunogen	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))
Purification	Affinity purified by protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for 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



GTX635679 ELISA Image

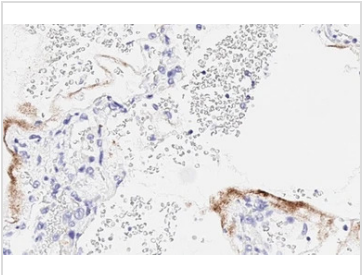
Indirect ELISA analysis was performed by coating plate with 50 µL of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135357-pro) and (GTX135592-pro) at concentrations ranging from 0.015 µg/mL to 1 µg/mL. The coated protein is detected with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) at 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



GTX635679 IHC-P Image

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) detects SARS-CoV-2 (COVID-19) nucleocapsid protein by immunohistochemical analysis of SARS-CoV-2 infected human placenta (left) and normal human placenta (right).

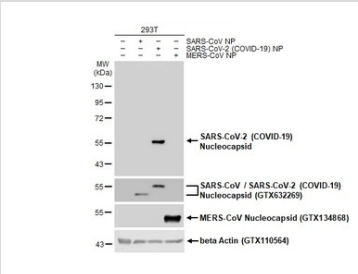
The IHC-P was performed by HISTOWIZ.



GTX635679 IHC-P Image

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) detects SARS-CoV-2 (COVID-19) nucleocapsid protein by immunohistochemical analysis of SARS-CoV-2 infected human lung.

The IHC-P was performed by HISTOWIZ.



GTX635679 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-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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