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Zuschläge

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

Cat No. GTX635679

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

Reference (13)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	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
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))



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

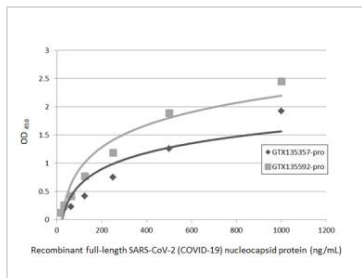
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Purification Affinity purified by protein A.

Conjugation Unconjugated

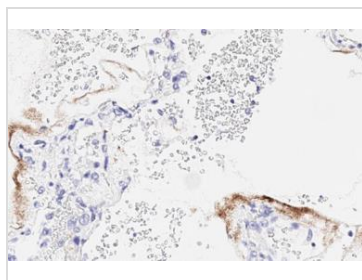
Note For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



GTx635679 ELISA Image

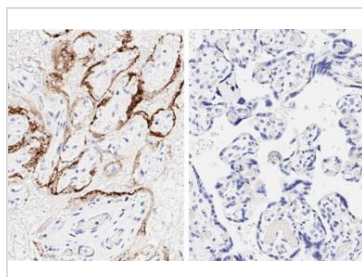
Indirect ELISA analysis was performed by coating plate with 50 μ L of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135357-pro) and (GTX135592-pro) at concentrations ranging from 0.015 μ g/mL to 1 μ g/mL. The coated protein is detected with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTx635679) at 1 μ g/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 lung.

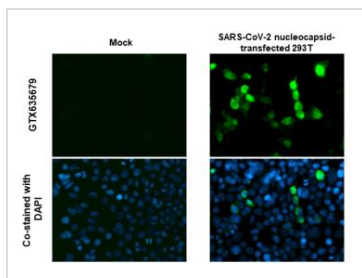
The IHC-P was performed by HISTOWIZ.



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 placenta (left) and normal human placenta (right).

The IHC-P was performed by HISTOWIZ.



GTx635679 ICC/IF Image

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] detects SARS-CoV-2 (COVID-19) nucleocapsid protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SARS-CoV-2 (COVID-19) nucleocapsid stained by SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTx635679) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



For full product information, images and publications, please visit our [website](https://www.genetex.com).