

SARS-CoV-2 (COVID-19) Spike antibody

Cat. No. GTX135356

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

References (34)

 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	1:100-1:1000
IHC-P	1:100-1:1000
FCM	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Note : Capture : GTX632604, Detection: GTX135356

Not tested in other applications.

Product Note

This antibody detects SARS-CoV-2 spike protein (S1 subunit), but does not cross-react with SARS-CoV or MERS-CoV spike proteins based on our internal testing.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of SARS-CoV-2 (COVID-19) spike (S1) (SARS-CoV-2 (strain Wuhan-Hu-1)). The exact sequence is proprietary.



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

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Purification

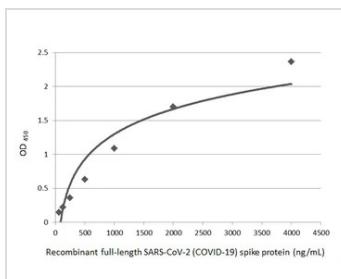
Purified by antigen-affinity chromatography.

Conjugation

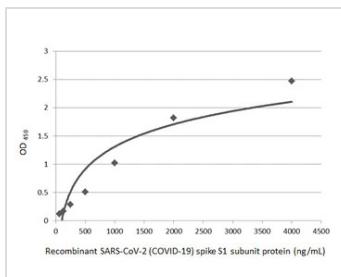
Unconjugated

NoteFor *In vitro* laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

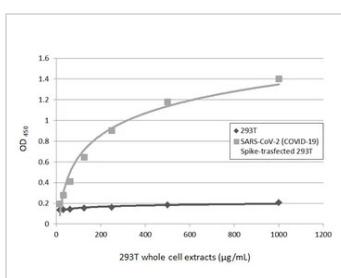
DATA IMAGES

**GTX135356 ELISA Image**

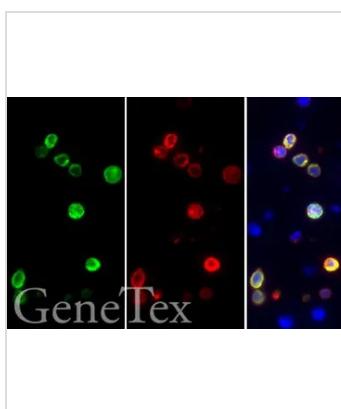
Indirect ELISA analysis was performed by coating plate with 50 μ L of recombinant full-length SARS-CoV-2 (COVID-19) spike protein at concentrations ranging from 0.0625 μ g/mL to 4 μ g/mL. The coated protein is detected with SARS-CoV-2 (COVID-19) spike antibody (GTX135356) at 1 μ g/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.

**GTX135356 ELISA Image**

Indirect ELISA analysis was performed by coating plate with 50 μ L of recombinant SARS-CoV-2 (COVID-19) spike S1 subunit protein at concentrations ranging from 0.0625 μ g/mL to 4 μ g/mL. The coated protein is detected with SARS-CoV-2 (COVID-19) spike antibody (GTX135356) at 1 μ g/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.

**GTX135356 ELISA Image**

Sandwich ELISA detection of non-transfected and SARS-CoV-2 spike (full length) transfected 293T whole cell extracts using GTX632604 as capture antibody at concentration of 5 μ g/mL and GTX135356 as detection antibody at concentration of 1 μ g/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.

**GTX135356 IHC-P (cell pellet) Image**

SARS-CoV-2 (COVID-19) spike antibody detects SARS-CoV-2 (COVID-19) spike protein by immunohistochemical analysis.

Sample: Paraffin-embedded SARS-CoV-2 (COVID-19) Spike FFPE Cell Pellet Block.

Green: SARS-CoV-2 (COVID-19) spike stained by SARS-CoV-2 (COVID-19) spike antibody (GTX135356) diluted at 1:1000.

Red: SARS-CoV / SARS-CoV-2 (COVID-19) spike stained by SARS-CoV / SARS-CoV-2 (COVID-19) spike antibody [1A9] (GTX632604) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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