

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

Cat. No. GTX135356

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

Reference ( 28 )

★★★★★ Review ( 1 )

Package  
100 µl, 25 µl

## APPLICATION

## 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

FACS 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.

Scan me for more info!



www.unibiotech.in

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

An ISO 9001:2015 Certified Company

Order now and enjoy our services anywhere in India!

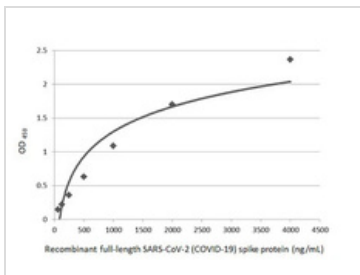
Tel: +91 9910 73 8844 | Email: [info@unibiotech.in](mailto:info@unibiotech.in)

Reg. Address : A-33, 2nd Floor, Ring Road, Rajouri Garden, New Delhi-110027 (INDIA)

Date 2024 / 12 / 18 Page 1 of 2

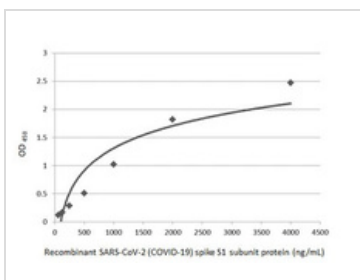
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## DATA IMAGES



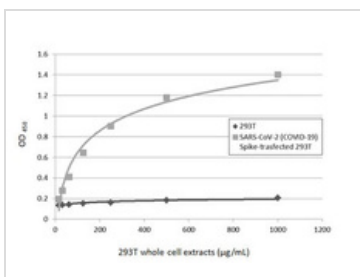
### GTX135356 ELISA Image

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



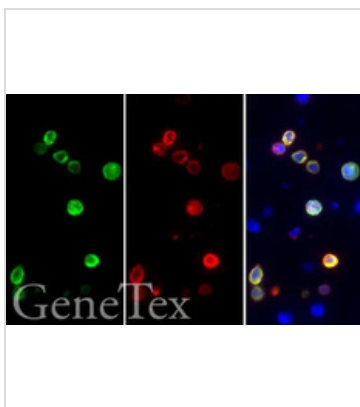
### GTX135356 ELISA Image

Indirect ELISA analysis was performed by coating plate with 50  $\mu$ L of recombinant SARS-CoV-2 (COVID-19) spike S1 subunit protein at concentrations ranging from 0.0625  $\mu$ g/mL to 4  $\mu$ g/mL. The coated protein is detected with SARS-CoV-2 (COVID-19) spike antibody (GTX135356) at 1  $\mu$ 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 (GTX535673) and SARS-CoV-2 spike (full length) transfected (GTX535664) 293T whole cell extracts using GTX632604 as capture antibody at concentration of 5  $\mu$ g/mL and GTX135356 as detection antibody at concentration of 1  $\mu$ 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

Scan me for more info!



www.unibiotech.in



Order now and enjoy our services anywhere in India!

Tel: +91 9910 73 8844 | Email: [info@unibiotech.in](mailto:info@unibiotech.in)

Reg. Address : A-33, 2nd Floor, Ring Road, Rajouri Garden, New Delhi-110027 (INDIA)

Date 2024 / 12 / 18 Page 2 of 2



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