

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

**Cat. No. GTX135356**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, FCM, ELISA, Sandwich ELISA, IHC-P (cell pellet)
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	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](#).

**Purification**

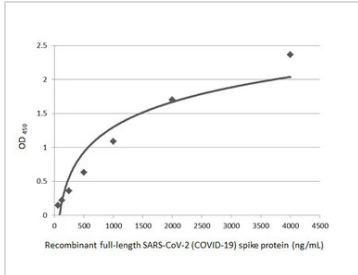
Purified by antigen-affinity chromatography.

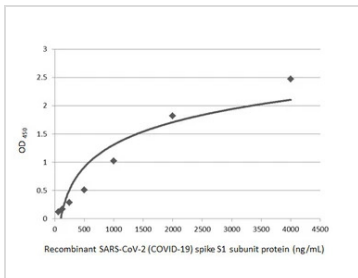
**Conjugation**

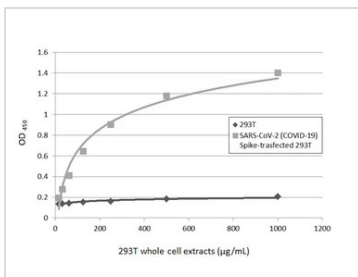
Unconjugated

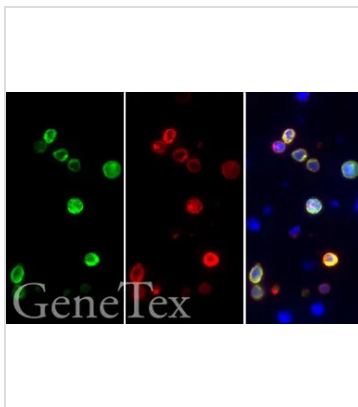
**Note**

For *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  $\mu$ 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 and SARS-CoV-2 spike (full length) transfected 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


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