

SARS-CoV-2 (COVID-19) Spike S2 / S2' antibody

Cat. No. GTX135386

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Sandwich ELISA
Reactivity	SARS Coronavirus 2

References (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX632604, Detection: GTX135386

Not tested in other applications.

Product Note

This antibody detects SARS-CoV-2 Spike protein, 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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of SARS-CoV-2 Spike (S2). (SARS-CoV-2 (strain Wuhan-Hu-1)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



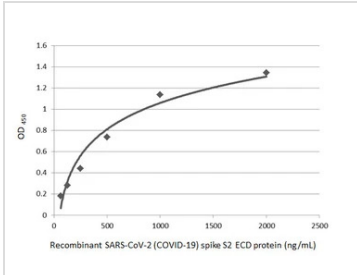
For full product information, images and publications, please visit our [website](#).

Date 2025 / 12 / 14 Page 1 of 2

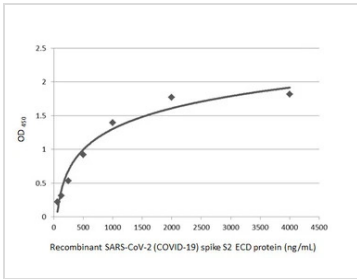
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

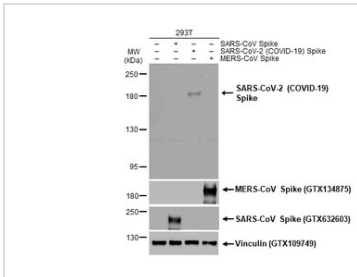
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTx135386 ELISA Image

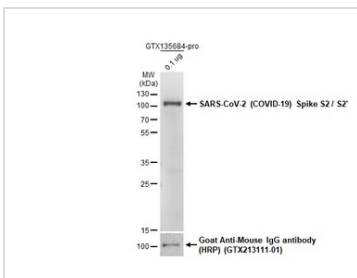
Indirect ELISA analysis was performed by coating plate with 50 μ L of recombinant SARS-CoV-2 (COVID-19) spike S2 ECD protein at concentrations ranging from 0.0625 μ g/mL to 2 μ g/mL. The coated protein is detected with (GTx135386) at 1 μ g/mL. Rabbit IgG antibody (HRP) (GTx213110-01) was diluted at 1:10000 and used to detect the primary antibody.


GTx135386 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) spike S2 ECD protein using GTx632604 as capture antibody at concentration of 5 μ g/mL and GTx135386 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.


GTx135386 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 5% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike S2 / S2' antibody (GTx135386) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx135386 WB Image

SARS-CoV-2 (COVID-19) Spike S2 (ECD) protein, mouse IgG Fc tag (1 μ g, GTx135684-pro) was separated by 12% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike S2 / S2' antibody (GTx135386) diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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