

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

Cat. No. GTX135386

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

Package

100 µl, 25 µl

APPLICATION

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



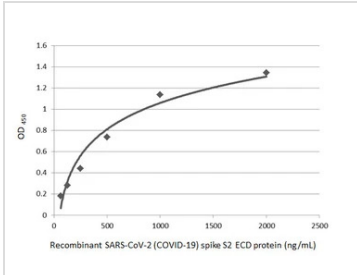
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

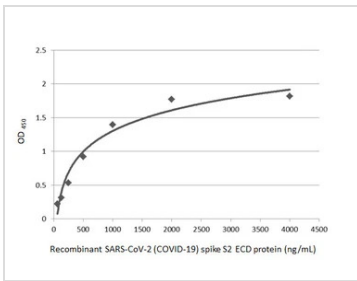
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DATA IMAGES



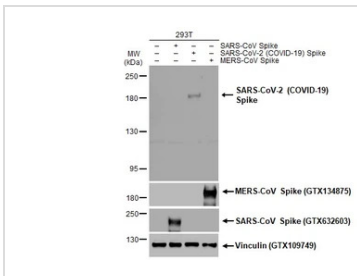
GTx135386 ELISA Image

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.



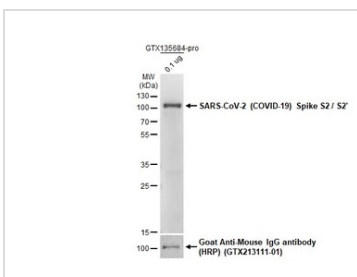
GTx135386 ELISA Image

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.



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