SARS-CoV-2 (COVID-19) Spike S1 antibody

Cat No. GTX135384

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

Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
ELISA	Assay dependent

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	1XPBS (pH7), 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 4ºC. For long-term storage, aliquot and store at -20ºC 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 C-terminus region of SARS-CoV-2 Spike (S1) (SARS-CoV-2 (strain Wuhan-Hu-1)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

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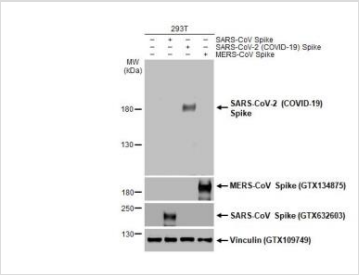
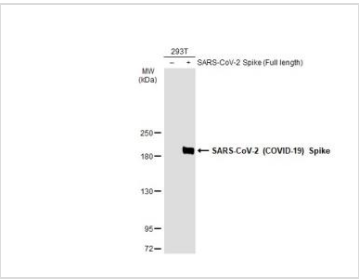
DATA IMAGES



GTX135384 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike antibody (GTX135384) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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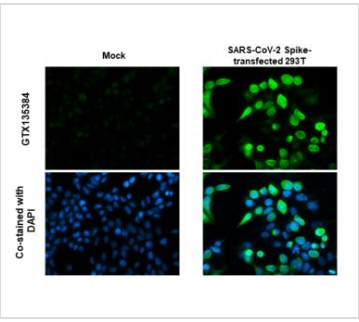
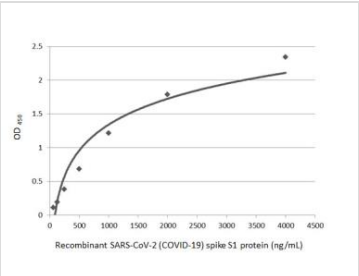


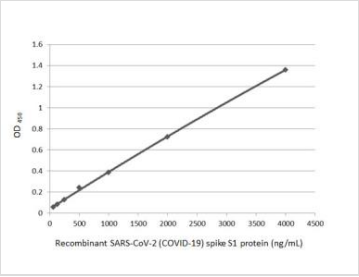
GTX135384 ICC/IF Image

SARS-CoV-2 (COVID-19) Spike antibody detects SARS-CoV-2 (COVID-19) Spike protein by immunofluorescent analysis.
Sample: Mock and SARS-CoV-2 Spike-transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: SARS-CoV-2 (COVID-19) Spike stained by SARS-CoV-2 (COVID-19) Spike antibody (GTX135384) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).



GTX135384 ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) protein (GTX01554-pro) (4000-62.5 ng/mL). Coated protein probed with SARS-CoV-2 (COVID-19) Spike S1 antibody (GTX135384) (1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) detected bound primary antibody.



GTX135384 ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) protein (GTX135817-pro) (4000-62.5 ng/mL). Coated protein probed with SARS-CoV-2 (COVID-19) Spike S1 antibody (GTX135384) (1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) detected bound primary antibody.

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