

SARS-CoV-2 (COVID-19) Spike S2 / S2' antibody [HL1039]

Cat. No. GTX635911

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, ELISA, Sandwich ELISA, IHC-P (cell pellet)
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	1:5000-1:100000
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Note : Capture : GTX632604 / GTX636037 , Detection : GTX635911

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
Preservative	No preservative
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	Recombinant protein encompassing a sequence within the extracellular domain of SARS-CoV-2 (COVID-19) Spike S2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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

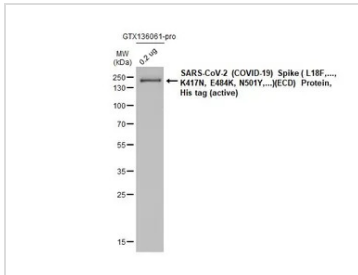
Date 2024 / 05 / 03 Page 1 of 2

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Note

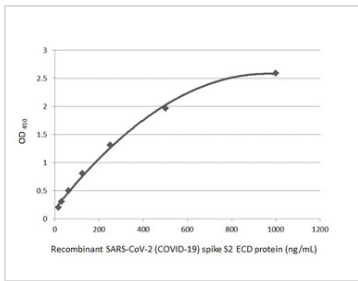
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DATA IMAGES



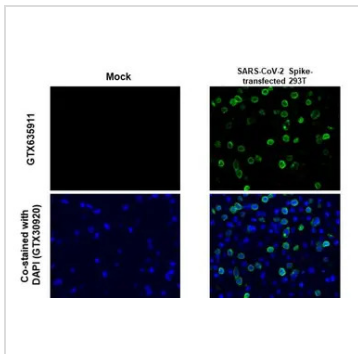
GTX635911 WB Image

SARS-CoV-2 (COVID-19) Spike (L18F,..., K417N, E484K, N501Y,...)(ECD) Protein, His tag (active) (GTX136061-pro, 0.2 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike S2 / S2' antibody [HL1039] (GTX635911) diluted at 1:140000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



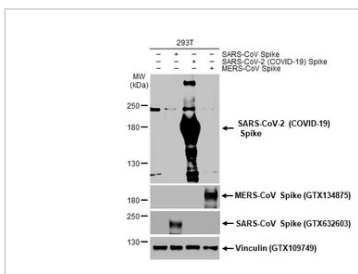
GTX635911 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike S2 (ECD) protein, human IgG Fc tag (GTX01559-pro) using SARS-CoV / SARS-CoV-2 (COVID-19) spike antibody [1A9] (GTX632604) as capture antibody at concentration of 5 µg/mL and SARS-CoV-2 (COVID-19) Spike S2 antibody [HL1039] (GTX635911) as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



GTX635911 IHC-P (cell pellet) Image

SARS-CoV-2 (COVID-19) Spike S2 / S2' antibody [HL1039] detects SARS-CoV-2 (COVID-19) Spike S2 / S2' protein at cytoplasm by immunohistochemical analysis.
Sample: Mock (GTX435670) and SARS-CoV-2 (COVID-19) Spike transfected 293T cell FFPE Cell Pellet Block (GTX435640).
Green: SARS-CoV-2 (COVID-19) Spike S2 / S2' stained by SARS-CoV-2 (COVID-19) Spike S2 / S2' antibody [HL1039] (GTX635911) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX635911 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 S2 antibody [HL1039] (GTX635911) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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