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SARS-CoV-2 (COVID-19) Spike S2 antibody [GT745]

Cat. No. GTX636037

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, 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	1:5000-1:1000000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Note : Capture : GTX636037 , Detection : GTX635911 / GTX635910

Not tested in other applications.

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 G.
Conjugation	Unconjugated

Note

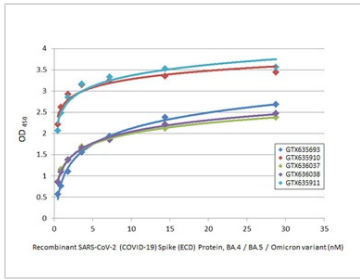
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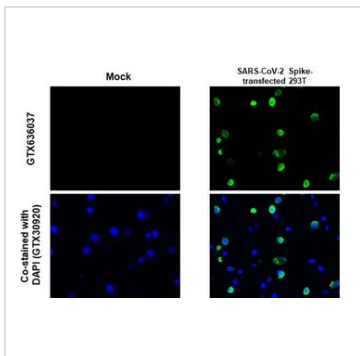
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DATA IMAGES



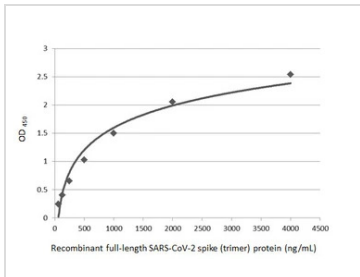
GTX636037 ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant SARS-CoV-2 (COVID-19) Spike (ECD) Protein, Omicron / BA.4 / BA.5 variant, His tag (GTX137113-pro) (28.78-0.45 nM). Coated protein was probed with the specified SARS-CoV-2 (COVID-19) Spike S2 antibodies (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) or goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) were used to detect the bound primary antibodies.



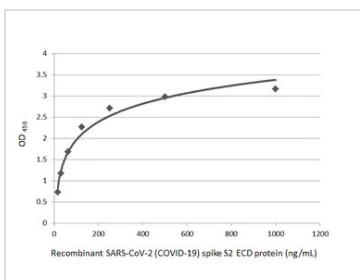
GTX636037 IHC-P (cell pellet) Image

SARS-CoV-2 (COVID-19) Spike S2 antibody [GT745] detects SARS-CoV-2 (COVID-19) Spike 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 stained by SARS-CoV-2 (COVID-19) Spike S2 antibody [GT745] (GTX636037) diluted at 1:1000.
 Blue: Fluoroshield with DAPI (GTX30920).
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX636037 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 spike (trimer) protein using SARS-CoV-2 (COVID-19) Spike S2 antibody [GT745] (GTX636037) as capture antibody at concentration of 5 µg/mL and SARS-CoV-2 (COVID-19) Spike S2 antibody [HL1038] (GTX635910) 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.



GTX636037 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-2 (COVID-19) Spike S2 antibody [GT745] (GTX636037) as capture antibody at concentration of 5 µg/mL and SARS-CoV-2 (COVID-19) Spike S2 antibody [HL1038] (GTX635910) 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.



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