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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257]

Cat No. GTX635692

Host	Rabbit
Clonality	Monoclonal
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.

Specificity/Sensitivity 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.

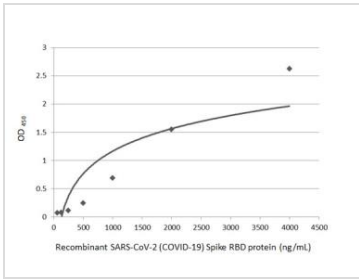
PROPERTIES

Form	Liquid
Buffer	PBS
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 (S1). The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
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.



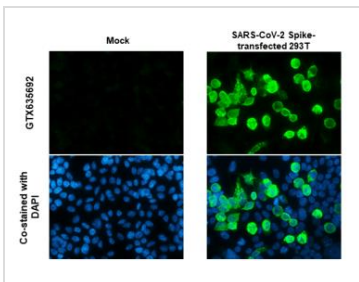
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DATA IMAGES



GTX635692 ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) protein (GTX01546-pro) (62.5-4000 ng/mL). Coated protein probed with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) (1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) detected bound primary antibody.



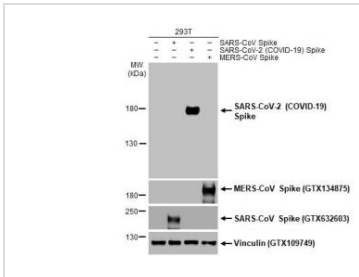
GTX635692 ICC/IF Image

SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] detects SARS-CoV-2 (COVID-19) Spike S1 protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

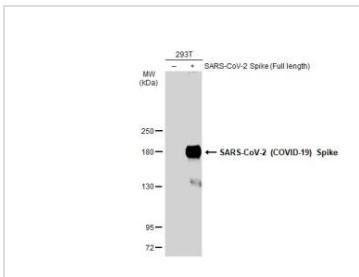
Green: SARS-CoV-2 (COVID-19) Spike S1 stained by SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



GTX635692 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 RBD antibody [HL257] (GTX635692) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX635692 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 S1 antibody [HL257] (GTX635692) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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