Product Datasheet

SARS-CoV-2 Spike S1 Antibody - BSA Free
NBP3-26918-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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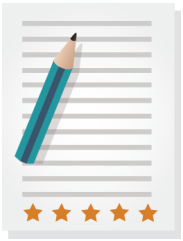
Updated 9/9/2025 v.20.1



NBP3-26918-0.1mg

SARS-CoV-2 Spike S1 Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

Product Description

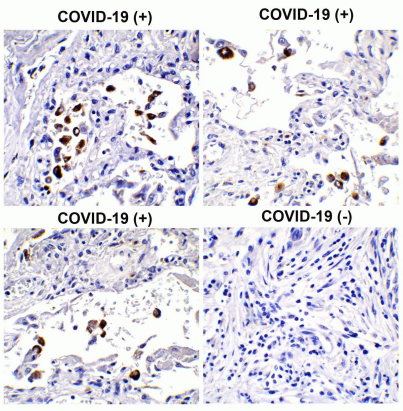
Description	Novus Biologicals Rabbit SARS-CoV-2 Spike S1 Antibody - BSA Free (NBP3-26918) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	43740568
Gene Symbol	S
Species	SARS-CoV-2
Immunogen	SARS-CoV-2 Spike S1 Antibody was raised against a peptide corresponding to 16 amino acids near the amino terminus of SARS-CoV-2 (COVID-19) Spike S1 glycoprotein. The immunogen is located within the first 50 amino acids of SARS-CoV-2 (COVID-19) Spike S1 protein.

Product Application Details

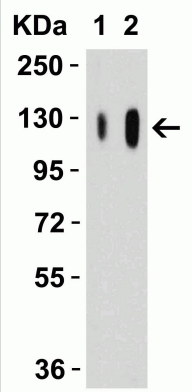
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/mL, ELISA, Immunohistochemistry 0.5 ug/mL, Immunocytochemistry/ Immunofluorescence
Application Notes	SARS-CoV-2 Spike S1 Antibody can be used for the detection of SARS-CoV-2 (COVID-19) Spike protein in ELISA. It will detect 4 ng of free peptide at 1 ug/mL.

Images

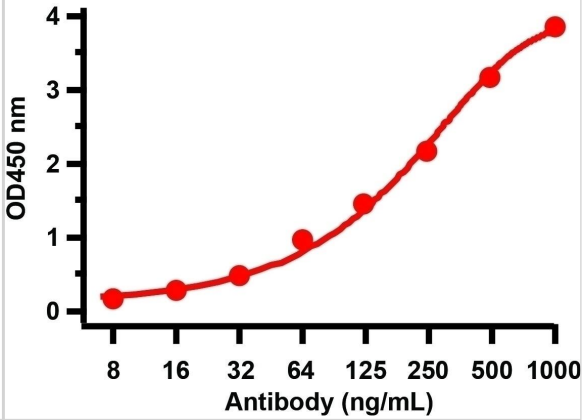
Immunohistochemistry: SARS-CoV-2 Spike S1 Antibody - BSA Free [NBP3-26918] - Validation of SARS-CoV-2 Spike S1 in COVID-19 Patient Lung. Analysis of paraffin-embedded COVID-19 patient lung tissue using anti- SARS-CoV-2 Spike S1 antibody (0.5 ug/mL). Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin. Strong signal of SARS-COV-2 spike protein was observed in macrophage of COVID-19 patient lung, but not in non-COVID-19 patient lung.



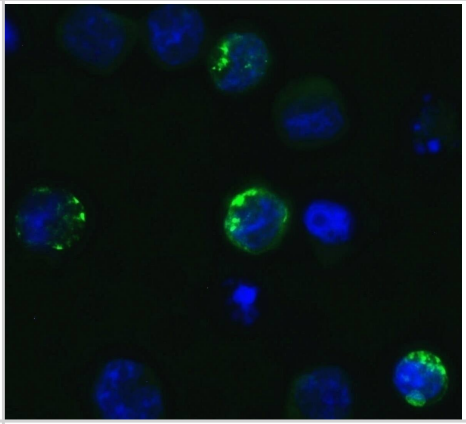
Western Blot: SARS-CoV-2 Spike S1 Antibody - BSA Free [NBP3-26918] - Validation with SARS-CoV-2 Spike Recombinant Protein. Loading: 50 ng per lane of SARS-CoV-2 Spike S1 recombinant protein. Antibodies: SARS-CoV-2 Spike S1, NBP3-26918, 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: 1 ug/mL and Lane 2: 2 ug/mL.



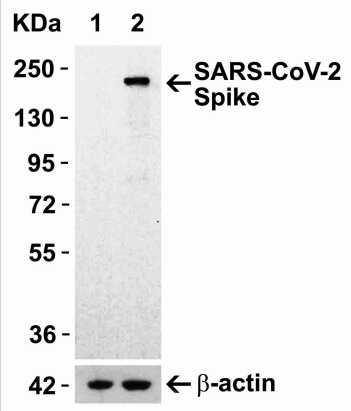
ELISA: SARS-CoV-2 Spike S1 Antibody - BSA Free [NBP3-26918] - Validation with SARS-CoV-2 Spike Recombinant Protein. Antibodies: SARS-CoV-2 Spike S1 antibody, NBP3-26918. A direct ELISA was performed using SARS-CoV-2 (COVID-19) Spike S1 recombinant protein as coating antigen and the anti-SARS-CoV-2 Spike S1 antibody as the capture antibody. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:20000 dilution. Detection range is from 8 ng/mL to 1000 ng/mL.



Immunocytochemistry/Immunofluorescence: SARS-CoV-2 Spike S1 Antibody - BSA Free [NBP3-26918] - Validation of SARS-CoV-2 Spike S1 in 293 Transfected Cells. Analysis of 4% paraformaldehyde-fixed Spike transfected 293 cells labeling SARS-CoV-2 Spike S1 with NBP3-26918 at 5 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Western Blot: SARS-CoV-2 Spike S1 Antibody - BSA Free [NBP3-26918] - Overexpression Validation in Spike Transfected 293 Cells. Loading: 10 ug per lane of 293 cell lysate. Antibodies: SARS-CoV-2 Spike S1, NBP3-26918 (1 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: WT 293 cells and Lane 2: SARS-CoV-2 Spike overexpressed 293 cells.



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Products Related to NBP3-26918-0.1mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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