

Product Datasheet

SARS-CoV-2 Spike Antibody

NBP3-06990

Unit Size: 100 ug

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

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NBP3-06990**SARS-CoV-2 Spike Antibody****Product Information**

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Protein A purified
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

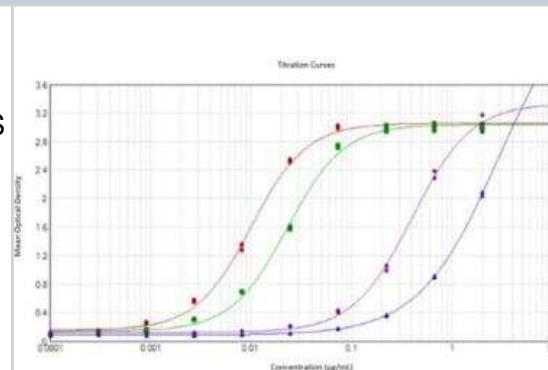
Host	Rabbit
Gene ID	43740568
Gene Symbol	S
Species	SARS-CoV-2
Specificity/Sensitivity	This SARS-CoV-2 Spike Antibody shows reactivity to SARS COV-2 Whole Spike and COV-2 Spike (S2) protein.
Immunogen	This protein A purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a purified SARS-CoV-2 Spike protein with His-tag, derived from the transfected human HEK293 cells.

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA 1:50000 - 1:100000

Images

ELISA: SARS-CoV-2 Spike Antibody [NBP3-06990] - ELISA results of Rabbit Anti-SARS CoV-2 Whole Spike Protein. Each well was coated in duplicate with 0.5 ug of SARS CoV-2 Whole Spike Protein [Red Line], SARS CoV-2 Spike (S2) glycoprotein, ShFC Protein [Green Line], MERS CoV Spike S1 [Blue Line], SARS CoV-2 Nucleocapsid Protein [Purple Line]. The starting dilution of antibody was 2ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. SARS CoV-2 Whole Spike IC50: 10ng/mL, SARS CoV-2 (S2) glycoprotein, ShFC Protein IC50: 23ng/mL. Not recommended for nucleocapsid or MERS detection. Assay performed using Goat Anti-Rabbit IgG HRP conjugated and TMB substrate.





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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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