

Product Datasheet

SARS-CoV-2 Spike RBD Antibody (2165) - Azide and BSA Free **NBP3-07066**

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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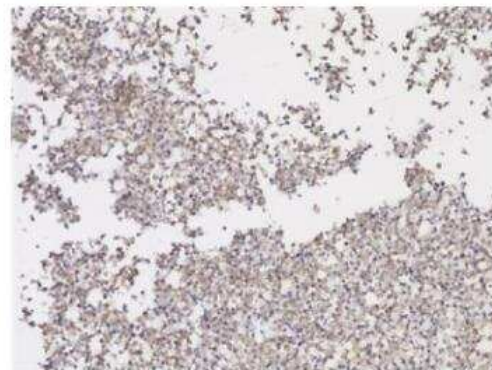
NBP3-07066**SARS-CoV-2 Spike RBD Antibody (2165) - Azide and BSA Free**

Product Information	
Unit Size	0.05 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2165
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	0.01M PBS (pH 7.2 - 7.4), 150mM NaCl
Product Description	
Description	Novus Biologicals Human SARS-CoV-2 Spike RBD Antibody (2165) - Azide and BSA Free (NBP3-07066) is a recombinant monoclonal antibody validated for use in IHC and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Human
Gene ID	43740568
Gene Symbol	S
Species	SARS-CoV-2
Specificity/Sensitivity	This antibody specifically targets an epitope on the SARS-CoV-2 spike protein receptor-binding domain (RBD). This antibody does not cross-react with the N-terminal domain (NTD) of the spike protein or the RBD of SARS-CoV.
Immunogen	Sequenced from human survivors of COVID-19 (SARS-CoV-2). The spike RBD is expressed on the surface of SARS-CoV-2.
Product Application Details	
Applications	ELISA, Immunohistochemistry, Neutralization
Recommended Dilutions	ELISA, Immunohistochemistry, Neutralization



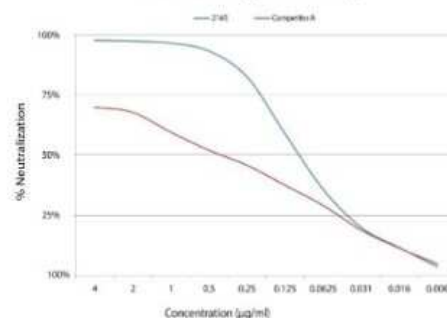
Images

Immunohistochemistry: SARS-CoV-2 Spike RBD Antibody (2165) [NBP3-07066] - SARS-CoV-2 Spike RBD Antibody (clone 2165) IHC data using infected cell pellets.



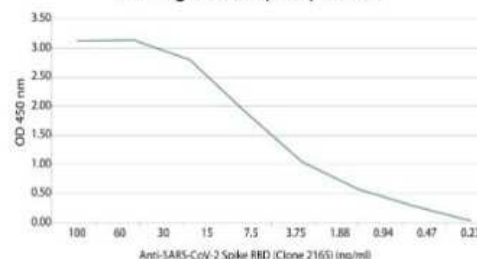
Neutralization: SARS-CoV-2 Spike RBD Antibody (2165) [NBP3-07066] - SARS-CoV-2 Spike RBD Antibody to the Receptor Binding Domain (RBD) (Clone 2165). Antibody binds to RBD and blocks binding to the ACE2 receptor on coated plates using a neutralization ELISA assay.

Anti-SARS-CoV-2 RBD (Clone 2165) Neutralizing Antibody



Neutralization: SARS-CoV-2 Spike RBD Antibody (2165) [NBP3-07066] - Coating: Purified Recombinant SARS-CoV-2 Spike RBD, concentration of 1 µl/well, 100 µl/well overnight 2-8C. Detection: SARS-CoV-2 Spike RBD (Clone 2165) conjugated to HRP was serially diluted starting at 25 ng/ml down to 0.23 ng/ml, 100 µl/well for 1 hour at 37C. Substrate: TMB, 100 µl/well for 15 min. at room temperature followed by 450 nm stop solution, 50ul/well.

Anti-SARS CoV-2 RBD (Clone 2165) ELISA - Reactivity Against rSARS CoV-2 Receptor Binding Domain (RBD) Protein





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Products Related to NBP3-07066

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 Isotype Control
NBP3-11407	SARS-CoV-2 Spike RBD ELISA Kit (Colorimetric)

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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