

Product Datasheet

SARS-CoV-2 Spike Antibody (CR3022) - Chimeric - Azide and BSA Free NBP3-12017-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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Updated 4/19/2023 v.20.1

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NBP3-12017-0.2mg

SARS-CoV-2 Spike Antibody (CR3022) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	CR3022
Preservative	0.02% Proclin 300
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	43740568
Gene Symbol	S
Species	SARS-CoV-2, SARS-CoV
Specificity/Sensitivity	This antibody binds the amino acids 318-510 in the S1 domain of the SARS-CoV Spike protein as well as SARS-CoV-2 (COVID-19) Spike protein. The antibody also binds to P462L-substituted S318-510 fragments of the SARS spike protein. The binding epitope is only accessible in the "open" conformation of the spike protein.
Immunogen	The original monoclonal antibody was generated through an scFv library derived from a peripheral blood lymphocytes of a patient exposed to the SARS-CoV.

Product Application Details	
Applications	ELISA, Immunocytochemistry/Immunofluorescence, Neutralization, Surface Plasmon Resonance, X-Ray Crystallography
Recommended Dilutions	ELISA, Immunocytochemistry/Immunofluorescence, Surface Plasmon Resonance, Neutralization, X-Ray Crystallography
Application Notes	This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.





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Products Related to NBP3-12017-0.2mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP3-14666-100ug	SARS-CoV-2 Spike Recombinant Protein

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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