

# Product Datasheet

## **SARS-CoV-2 Spike Antibody (CR3022) [mFluor Violet 610 SE]** **NBP3-12017MFV610**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12017MFV610**

SARS-CoV-2 Spike Antibody (CR3022) [mFluor Violet 610 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CR3022
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	mFluor Violet 610 SE
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	43740568
Gene Symbol	S
Species	SARS-CoV, SARS-CoV-2
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.
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
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	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-12017MFV610**

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NBP3-14666-100ug	SARS-CoV-2 Spike Recombinant Protein
10549-CV-100	SARS-CoV-2 Spike [Unconjugated]

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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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