

Product Datasheet

Human Coronavirus Spike Protein Antibody (11) [Alexa Fluor™ Plus 680] NBP3-14655AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14655AFP680

Human Coronavirus Spike Protein Antibody (11) [Alexa Fluor™ Plus 680]

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	11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor Plus 680
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3200426
Gene Symbol	S
Species	HCoV-OC43
Specificity/Sensitivity	<p>Recognizes the Spike of HCoV-OC43 in ELISA. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-229E, HCoV-HKU1 (isolate N5).</p> <p>Has cross-reactivity in ELISA with: HCoV-OC43 Spike S1+S2 ECD-His</p> <p>No cross-reactivity in ELISA and WB with: SARS-CoV-2 Spike S1-His SARS-CoV-2 Spike S1 NTD-Fc & AVI SARS-CoV-2 Spike S1 NTD-His & AVI SARS-CoV-2 Spike RBD-His SARS-CoV-2 Spike S1+S2 ECD-His SARS-CoV-2 Spike S2 ECD-His SARS-CoV Spike S1+S2 ECD-His MERS-CoV Spike S1+S2 ECD-His HCoV-229E Spike S1+S2 ECD-His HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His HCoV-NL63 Spike S1+S2 ECD-His No cross-reactivity in WB with: HCoV-OC43 Spike S1+S2 ECD-His</p>
Immunogen	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Coronavirus Spike S1+S2 ECD protein.

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Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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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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