

# Product Datasheet

## Human Coronavirus Spike Protein Antibody (05) [Alexa Fluor™ Plus 647] NBP3-14664AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14664AFP647**

Human Coronavirus Spike Protein Antibody (05) [Alexa Fluor™ Plus 647]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	05
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor Plus 647
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3200426
<b>Gene Symbol</b>	S
<b>Species</b>	HCoV-HKU1
<b>Specificity/Sensitivity</b>	<p>Recognizes the Spike of HCoV-HKU1 (isolate N5) in ELISA. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-229E, HCoV-OC43.</p> <p>Has cross-reactivity in ELISA and WB with: HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His</p> <p>No cross-reactivity in ELISA and WB with: SARS-CoV-2 Spike S1+S2 ECD-His SARS-CoV-2 Spike S2 ECD-His SARS-CoV-2 Spike S1-His SARS-CoV-2 Spike S1 NTD-Fc &amp; AVI SARS-CoV-2 Spike S1 NTD-His &amp; AVI SARS-CoV-2 Spike RBD-His SARS-CoV Spike S1+S2 ECD-His MERS-CoV Spike S1+S2 ECD-His HCoV-NL63 Spike S1+S2 ECD-His HCoV-229E Spike S1+S2 ECD-His HCoV-OC43 Spike S1+S2 ECD-His</p>
<b>Immunogen</b>	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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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA
<b>Application Notes</b>	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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