

# Product Datasheet

## Human Coronavirus Spike Protein Antibody (610) - Azide and BSA Free NBP3-14663-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-14663-100ul**

Human Coronavirus Spike Protein Antibody (610) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	610
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.2 um filtered solution in PBS
<b>Product Description</b>	
<b>Description</b>	This antibody can be stored at 2-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3200426
<b>Gene Symbol</b>	S
<b>Species</b>	HCoV-NL63
<b>Specificity/Sensitivity</b>	Recognizes the Spike of HCoV-NL63 in ELISA. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-229E, HCoV-HKU1 (isolate N5), HCoV-OC43. Has cross-reactivity in ELISA with: HCoV-NL63 Spike S1+S2 ECD-His 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 & AVI SARS-CoV-2 Spike S1 NTD-His & AVI SARS-CoV-2 Spike RBD-His SARS-CoV Spike S1+S2 ECD-His MERS-CoV Spike S1+S2 ECD-His HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His HCoV-229E Spike S1+S2 ECD-His HCoV-OC43 Spike S1+S2 ECD-His No cross-reactivity in WB with: HCoV-NL63 Spike S1+S2 ECD-His
<b>Immunogen</b>	This product is a recombinant monoclonal antibody expressed from HEK293 cells.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1:5000-1:10000
<b>Application Notes</b>	Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.



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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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