

# Product Datasheet

## SARS-CoV-2 Spike Antibody (B004Y) - (ECD) - BSA Free NBP3-05723

Unit Size: 50 ug

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

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Updated 10/23/2025 v.20.1

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**NBP3-05723**

SARS-CoV-2 Spike Antibody (B004Y) - (ECD) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	50 ug
<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>	B004Y
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2), 10% Glycerol

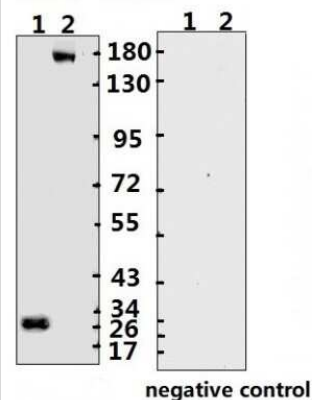
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Human SARS-CoV-2 Spike Antibody (B004Y) - (ECD) - BSA Free (NBP3-05723) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Human
<b>Gene ID</b>	43740568
<b>Gene Symbol</b>	S
<b>Species</b>	SARS-CoV-2
<b>Immunogen</b>	SARS-CoV-2 Spike recombinant protein

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:3000, ELISA 1:160000, Block/Neutralize



## Images

Western Blot: SARS-CoV-2 Spike Antibody (B004Y) - (ECD) [NBP3-05723] - Western Blot Validation with Recombinant Protein. Loading: 1ug of recombinant protein per lane. Lane 1: SARS-CoV-2 (COVID-19) Spike-RBD Recombinant Protein. Antibodies: SARS-CoV-2 Spike, NBP3-05723, 1:500. Secondary: Goat anti-human IgG HRP conjugate at 1:5000 dilution.



ELISA: SARS-CoV-2 Spike Antibody (B004Y) - (ECD) [NBP3-05723] - ELISA Coating original concentration: 2 ug/mL, 100 uL/well samples are column 1: SARS-CoV-2 Spike-RBD Recombinant Protein, and column 2: SARS-CoV-2 Spike-ECD Recombinant Protein, 100 uL/well. Stop buffer 50 uL/well.  
10-563 doesn't react with 10-008.

### ELISA experiment

	1	2	
A	0.082	2.477	.1:10000
B	0.132	2.109	.1:20000
C	0.127	2.039	.1:40000
D	0.134	1.72	.1:80000
E	0.109	1.317	.1:160000
F	0.12	0.863	.1:320000
G	0.123	0.538	.1:640000
H	0.082	0.154	Blank control



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### **Products Related to NBP3-05723**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP1-97043	Human 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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