

# Product Datasheet

## **SARS-CoV-2 Spike RBD Antibody (B001Y) - (RBD) - BSA Free NBP3-05725**

Unit Size: 50 ug

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

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**NBP3-05725**

SARS-CoV-2 Spike RBD Antibody (B001Y) - (RBD) - BSA Free

**Product Information**

<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>	B001Y
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 10% glycerol, pH7.2

**Product Description**

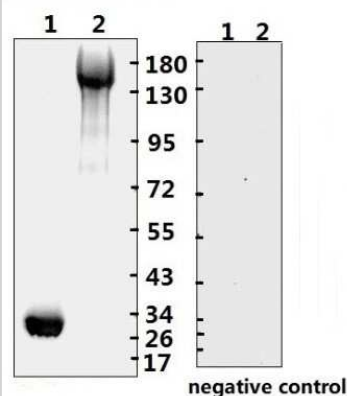
<b>Host</b>	Human
<b>Gene ID</b>	43740568
<b>Species</b>	SARS-CoV-2
<b>Immunogen</b>	SARS-CoV-2 Spike RBD recombinant protein

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot 1:1000-2000, ELISA 1:320000, Block/Neutralize

**Images**

Western Blot: SARS-CoV-2 Spike RBD Antibody (B001Y) - (RBD) [NBP3-05725] - ELISA Coating original concentration: 2 ug/mL, 100 uL/well samples are column 1: SARS-CoV-2 Spike-ECD Recombinant Protein, and column 2: SARS-CoV-2 Spike-RBD Recombinant Protein, 100 uL/well. Stop buffer 50 uL/well.



ELISA: SARS-CoV-2 Spike RBD Antibody (B001Y) - (RBD) [NBP3-05725] - ELISA Test. Coating original concentration: 2 ug/mL, 100 uL/well samples are column 1: SARS-CoV-2 (COVID-19) Spike-ECD Recombinant Protein and column 2: SARS-CoV-2 (COVID-19) Spike-RBD Recombinant Protein. Antibodies: SARS-CoV-2 Spike RBD Antibody, NBP3-05725. Secondary: Goat anti-human IgG HRP conjugate at 1:10000 dilution. Develop: 15min, 100 uL/well. Stop: Stop buffer 50 uL/well.

**ELISA experiment**

	1	2	
A	2.347	2.399	. 1:1000
B	2.036	2.216	. 1:10000
C	2.297	2.139	. 1:20000
D	2.441	2.624	. 1:40000
E	2.104	2.292	. 1:80000
F	1.764	1.713	. 1:160000
G	1.186	1.213	. 1:320000
H	0.105	0.086	Blank control





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### **Products Related to NBP3-05725**

G-101-C-ABS	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP1-97043	Human IgG Isotype Control
NBP3-11407	SARS-CoV-2 Spike RBD ELISA Kit (Colorimetric)

### **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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