

# Product Datasheet

## **SARS-CoV-2 Spike RBD Antibody (B003N) - (RBD) - Azide and BSA Free NBP3-05727**

Unit Size: 50 ug

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-05727](http://www.novusbio.com/NBP3-05727)

Updated 10/23/2025 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-05727](http://www.novusbio.com/reviews/destination/NBP3-05727)



**NBP3-05727**

SARS-CoV-2 Spike RBD Antibody (B003N) - (RBD) - Azide and 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>	B003N
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2)

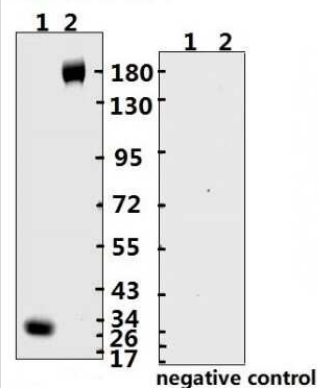
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Human SARS-CoV-2 Spike RBD Antibody (B003N) - (RBD) - Azide and BSA Free (NBP3-05727) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Human
<b>Gene ID</b>	43740568
<b>Gene Symbol</b>	S
<b>Species</b>	SARS-CoV-2
<b>Immunogen</b>	SARS-CoV-2 Spike RBD recombinant protein

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot 1:4000-5000, ELISA 1:80000, Block/Neutralize 1:40000



## Images

Western Blot: SARS-CoV-2 Spike RBD Antibody (B003N) - (RBD) [NBP3-05727] - 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 (B003N) - (RBD) [NBP3-05727] - 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, NBP3-05727. 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	2.005	2.55	. 1:1000
B	1.846	2.453	. 1:10000
C	1.651	2.292	. 1:20000
D	1.325	1.858	. 1:40000
E	0.976	1.385	. 1:80000
F	0.668	0.951	. 1:160000
G	0.34	0.541	. 1:320000
H	0.167	0.113	<b>Blank control</b>



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-05727**

---

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

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-05727](http://www.novusbio.com/reviews/submit/NBP3-05727)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

