

# Product Datasheet

## Human Coronavirus Spike Protein Antibody (11) - Azide and BSA Free NBP3-14655-100ul

Unit Size: 100 ul

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/NBP3-14655](http://www.novusbio.com/NBP3-14655)

Updated 3/3/2025 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/NBP3-14655](http://www.novusbio.com/reviews/destination/NBP3-14655)



**NBP3-14655-100ul**

Human Coronavirus Spike Protein Antibody (11) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

Product Description	
Description	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.
Host	Mouse
Gene ID	3200426
Gene Symbol	S
Species	HCoV-OC43
Specificity/Sensitivity	Recognizes the Spike of HCoV-OC43 in ELISA. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-229E, HCoV-HKU1 (isolate N5). Has cross-reactivity in ELISA with: HCoV-OC43 Spike S1+S2 ECD-His No cross-reactivity in ELISA and WB with: 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-2 Spike S1+S2 ECD-His SARS-CoV-2 Spike S2 ECD-His SARS-CoV Spike S1+S2 ECD-His MERS-CoV Spike S1+S2 ECD-His HCoV-229E Spike S1+S2 ECD-His HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His HCoV-NL63 Spike S1+S2 ECD-His No cross-reactivity in WB with: HCoV-OC43 Spike S1+S2 ECD-His
Immunogen	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.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1:1000-1:2000
Application Notes	Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.





### **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 NBP3-14655-100ul**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

---

### **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/NBP3-14655](http://www.novusbio.com/reviews/submit/NBP3-14655)

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

