

# Product Datasheet

## Pan Coronavirus Spike Antibody (39) [Alexa Fluor™ Plus 405] NBP3-14661AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14661AFP405**

Pan Coronavirus Spike Antibody (39) [Alexa Fluor™ Plus 405]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	39
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor Plus 405
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Virus
<b>Specificity/Sensitivity</b>	<p>Recognizes the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-229E, HCoV-HKU1 (isolate N5), HCoV-OC43.</p> <p>Has cross-reactivity in ELISA and WB with:  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-HKU1 (isolate N5) Spike S1+S2 ECD-His  HCoV-229E Spike S1+S2 ECD-His  HCoV-OC43 Spike S1+S2 ECD-His  HCoV-NL63 Spike S1+S2 ECD-His</p> <p>No cross-reactivity in ELISA and WB with:  SARS-CoV-2 Spike S1-His  SARS-CoV-2 Spike S1 NTD-Fc &amp; AVI  SARS-CoV-2 Spike S1 NTD-His &amp; AVI  SARS-CoV-2 Spike RBD-His</p>
<b>Immunogen</b>	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 Coronavirus Spike S1+S2 ECD protein.



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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



### **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

### **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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