

# Product Datasheet

## Human Coronavirus Spike Protein Antibody (279) [Janelia Fluor® 525] NBP3-14662JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

[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/NBP3-14662JF525](http://www.novusbio.com/NBP3-14662JF525)

Updated 8/19/2024 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/NBP3-14662JF525](http://www.novusbio.com/reviews/destination/NBP3-14662JF525)



**NBP3-14662JF525**

Human Coronavirus Spike Protein Antibody (279) [Janelia Fluor® 525]

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | 279                                                                                         |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Conjugate           | Janelia Fluor 525                                                                           |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                 | 3200426                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol             | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                 | HCoV-NL63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity | <p>Recognizes the Spike of HCoV-NL63 in ELISA. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-229E, HCoV-HKU1 (isolate N5), HCoV-OC43.</p> <p>Has cross-reactivity in ELISA with:<br/>HCoV-NL63 Spike S1+S2 ECD-His</p> <p>No cross-reactivity in ELISA with:<br/>SARS-CoV-2 Spike S1-His<br/>SARS-CoV-2 Spike S1 NTD-Fc &amp; AVI<br/>SARS-CoV-2 Spike S1 NTD-His &amp; AVI<br/>SARS-CoV-2 Spike RBD-His<br/>SARS-CoV-2 Spike S1+S2 ECD-His<br/>SARS-CoV-2 Spike S2 ECD-His<br/>SARS-CoV Spike S1+S2 ECD-His<br/>MERS-CoV Spike S1+S2 ECD-His<br/>HCoV-229E Spike S1+S2 ECD-His<br/>HCoV-OC43 Spike S1+S2 ECD-His<br/>HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His</p> |
| Immunogen               | This product is a recombinant monoclonal antibody expressed from HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Product Application Details |       |
|-----------------------------|-------|
| Applications                | ELISA |
| Recommended Dilutions       | ELISA |



**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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

**General Contact Information**

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

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto: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.

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/NBP3-14662JF525](http://www.novusbio.com/reviews/submit/NBP3-14662JF525)

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

