

# Product Datasheet

## Human Coronavirus Spike Protein Antibody (23) [Janelia Fluor® 525] NBP3-14657JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14657JF525**

Human Coronavirus Spike Protein Antibody (23) [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               | 23                                                                                          |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1                                                                                        |
| Conjugate           | Janelia Fluor 525                                                                           |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                 | 3200426                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol             | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Species                 | HCoV-229E, HCoV-NL63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity/Sensitivity | <p>Recognizes the Spike of HCoV-NL63, HCoV-229E. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-HKU1 (isolate N5), HCoV-OC43.</p> <p>Has cross-reactivity in ELISA and WB with:<br/>HCoV-229E Spike S1+S2 ECD-His<br/>HCoV-NL63 Spike S1+S2 ECD-His</p> <p>No cross-reactivity in ELISA and WB 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 S2 ECD-His<br/>SARS-CoV-2 Spike RBD-His<br/>SARS-CoV-2 Spike S1+S2 ECD-His<br/>SARS-CoV Spike S1+S2 ECD-His<br/>MERS-CoV Spike S1+S2 ECD-His<br/>HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His<br/>HCoV-OC43 Spike S1+S2 ECD-His</p> |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Product Application Details |                     |
|-----------------------------|---------------------|
| Applications                | Western Blot, ELISA |
| Recommended Dilutions       | Western Blot, ELISA |





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**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)

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