

# Product Datasheet

## Human Coronavirus Spike Protein Antibody (29) [HRP] NBP3-14658H

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14658H****Human Coronavirus Spike Protein Antibody (29) [HRP]**

| <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>               | 29                                                                                          |
| <b>Preservative</b>        | No Preservative                                                                             |
| <b>Isotype</b>             | IgG1                                                                                        |
| <b>Conjugate</b>           | HRP                                                                                         |
| <b>Purity</b>              | Protein A purified                                                                          |
| <b>Buffer</b>              | PBS                                                                                         |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene ID</b>                 | 3200426                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Symbol</b>             | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>                 | HCoV-OC43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Specificity/Sensitivity</b> | <p>Recognizes the Spike of HCoV-OC43. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-229E, HCoV-HKU1 (isolate N5).</p> <p>Has cross-reactivity in ELISA and WB with:<br/>HCoV-OC43 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 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-HKU1 (isolate N5) Spike S1+S2 ECD-His<br/>           HCoV-NL63 Spike S1+S2 ECD-His</p> |
| <b>Immunogen</b>               | This product is a recombinant monoclonal antibody expressed from HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| <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. |





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### **Products Related to NBP3-14658H**

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|            |                                        |
|------------|----------------------------------------|
| NBP1-97074 | Mouse IgG1 Isotype Control (MG1) [HRP] |
|------------|----------------------------------------|

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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.

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