

# Product Datasheet

## **SARS-CoV-2 Spike RBD Antibody (B003Y) - (RBD) - BSA Free NBP3-05726**

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-05726**

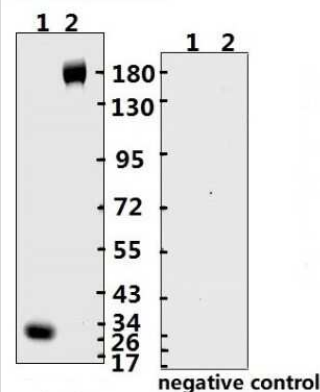
SARS-CoV-2 Spike RBD Antibody (B003Y) - (RBD) - BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 50 ug   |
| 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                       | B003Y   |
| Preservative                | 0.02% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Protein A purified  |
| Buffer                      | PBS, 10% glycerol, pH7.2  |
| Product Description         |   |
| Host                        | Human   |
| Gene ID                     | 43740568  |
| Gene Symbol                 | S   |
| Species                     | SARS-CoV-2  |
| Immunogen                   | SARS-CoV-2 Spike RBD recombinant protein  |
| Product Application Details |   |
| Applications                | Western Blot, ELISA, Block/Neutralize   |
| Recommended Dilutions       | Western Blot 1:1000-2000, ELISA 1:320000, Block/Neutralize 1:80000                          |



## Images

Western Blot: SARS-CoV-2 Spike RBD Antibody (B003Y) - (RBD) [NBP3-05726] - ELISA Coating original concentration: 2 ug/mL, 100 uL/well samples are column 1: SARS-CoV-2 Spike-ECD Recombinant Protein, and column 2: SARS-CoV-2 Spike-RBD Recombinant Protein, 100 uL/well. Stop buffer 50 uL/well.



ELISA: SARS-CoV-2 Spike RBD Antibody (B003Y) - (RBD) [NBP3-05726] - ELISA Test. Coating original concentration: 2 ug/mL, 100 uL/well samples are column 1: SARS-CoV-2 (COVID-19) Spike-ECD Recombinant Protein, and column 2: SARS-CoV-2 (COVID-19) Spike-RBD Recombinant Protein. Antibodies: SARS-CoV-2 Spike RBD Antibody, NBP3-05726. Secondary: Goat anti-human IgG HRP conjugate at 1:10000 dilution. Develop: 15min, 100 uL/well. Stop: Stop buffer 50 uL/well.

### ELISA experiment

|   | 1     | 2     |                      |
|---|-------|-------|----------------------|
| A | 2.005 | 2.55  | . 1:1000             |
| B | 1.846 | 2.453 | . 1:10000            |
| C | 1.651 | 2.292 | . 1:20000            |
| D | 1.325 | 1.858 | . 1:40000            |
| E | 0.976 | 1.385 | . 1:80000            |
| F | 0.668 | 0.951 | . 1:160000           |
| G | 0.34  | 0.541 | . 1:320000           |
| H | 0.167 | 0.113 | <b>Blank control</b> |



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|            |   |
|------------|---|
| G-102-C    | Goat anti-Human IgG Secondary Antibody [Unconjugated] |
| NB7446     | Goat anti-Human IgG Fc Secondary Antibody             |
| NBP1-97043 | Human IgG Isotype Control                             |
| NBP3-11407 | SARS-CoV-2 Spike RBD ELISA Kit (Colorimetric)         |

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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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