

# Product Datasheet

## Spike RBD Antibody (1035753) [PE] FAB105808P

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 5/13/2025 v.20.1

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**FAB105808P**

Spike RBD Antibody (1035753) [PE]

| 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                       | 1035753                                                                                                                                                                                                                                                                                                                                  |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                       |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                     |
| Conjugate                   | PE                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                               |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                                                                          |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                    |
| Species                     | SARS-CoV-2                                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | In a functional flow cytometry assay, this antibody binds and blocks SARS-CoV-2 Spike RBD interaction with human ACE-2 transfectants. Detects SARS-CoV-2 Spike RBD and SARS-CoV-2 Spike S1 in sandwich ELISAs when used in the indicated ELISA antibody pairings. Detects SARS-CoV-2 B.1.1.529 S RBD (Omicron Variant) in direct ELISAs. |
| Immunogen                   | <i>Spodoptera frugiperda</i> , Sf 21 (baculovirus)-derived SARS-CoV-2 Spike S1 Subunit Val16-Pro681 Accession # YP_009724390.1                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                          |
| Applications                | ELISA, Blockade of Receptor-ligand Interaction                                                                                                                                                                                                                                                                                           |
| Recommended Dilutions       | ELISA, Blockade of Receptor-ligand Interaction                                                                                                                                                                                                                                                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                   |





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### **Products Related to FAB105808P**

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|              |                                                              |
|--------------|--------------------------------------------------------------|
| NBP1-97005PE | Mouse IgG1 Isotype Control (MG1) [PE]                        |
| NBP3-07930   | Recombinant SARS-CoV-2 Spike RBD (N501Y) His Avi-tag Protein |
| 10500-CV-100 | Spike RBD [Unconjugated]                                     |

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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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