

# Product Datasheet

## SARS-CoV-2 Spike Antibody (7A4D12) [DyLight 650] NBP3-12854C

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12854C**

SARS-CoV-2 Spike Antibody (7A4D12) [DyLight 650]

| <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>                       | 7A4D12   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2a Kappa  |
| <b>Conjugate</b>                   | DyLight 650  |
| <b>Purity</b>                      | Affinity purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 43740568   |
| <b>Gene Symbol</b>                 | S  |
| <b>Species</b>                     | SARS-CoV-2   |
| <b>Specificity/Sensitivity</b>     | May cross-react with several virus of interest (VOI) variant lineages that contains P681H mutation, including B.11.318, B.1.621, B.1.621.1, P.3. But all of these lineages are rarely present in current pandemic.   |
| <b>Immunogen</b>                   | Anti-SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike antibody was raised against a peptide corresponding to 12 amino acids near the center of SARS-CoV-2 Alpha variant (B.1.1.7) Spike protein. The immunogen is located within 650-700 amino acids of SARS-CoV-2 Alpha Variant (B.1.1.7, UK) Spike protein. |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| <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 NBP3-12854C**

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|                  |  |
|------------------|--|
| NBP1-96981C      | Mouse IgG2a Kappa Isotype Control (M2AK) [DyLight 650] |
| NBP3-14666-100ug | SARS-CoV-2 Spike Recombinant Protein                   |
| 10549-CV-100     | SARS-CoV-2 Spike [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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