

# Product Datasheet

## **SARS-CoV-2 Spike Antibody (7C11H11) [PE] - Alpha Variant, B.1.1.7, UK NBP3-11942PE**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11942PE**

SARS-CoV-2 Spike Antibody (7C11H11) [PE] - Alpha Variant, B.1.1.7, UK

| 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               | 7C11H11                                                                                     |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2b Kappa                                                                                 |
| Conjugate           | PE                                                                                          |
| Purity              | Peptide affinity purified                                                                   |
| Buffer              | PBS                                                                                         |

| Product Description     |                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                   |
| Gene ID                 | 43740568                                                                                                                                                                                                                                                |
| Gene Symbol             | S                                                                                                                                                                                                                                                       |
| Species                 | SARS-CoV-2                                                                                                                                                                                                                                              |
| Specificity/Sensitivity | 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.                                      |
| Immunogen               | 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. |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA                                                    |
| Recommended Dilutions       | Western Blot, ELISA                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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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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