

Product Datasheet

Pan Coronavirus Spike Antibody (39) - Azide and BSA Free NBP3-14661-100ul

Unit Size: 100 ul

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

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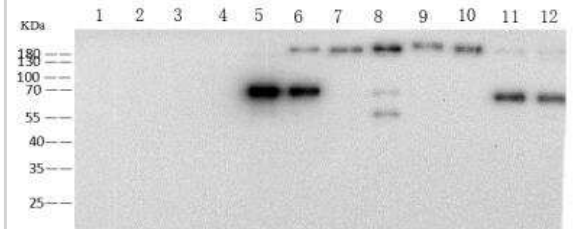


NBP3-14661-100ul**Pan Coronavirus Spike Antibody (39) - Azide and BSA Free**

| Product Information | |
|------------------------------------|---|
| Unit Size | 100 ul |
| 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 | 39 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | 0.2 um filtered solution in PBS |
| Product Description | |
| Description | This antibody can be stored at 2-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| Host | Mouse |
| Species | Virus |
| Specificity/Sensitivity | Recognizes the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-229E, HCoV-HKU1 (isolate N5), HCoV-OC43. Has cross-reactivity in ELISA and WB with: SARS-CoV-2 Spike S1+S2 ECD-His SARS-CoV-2 Spike S2 ECD-His SARS-CoV Spike S1+S2 ECD-His MERS-CoV Spike S1+S2 ECD-His HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His HCoV-229E Spike S1+S2 ECD-His HCoV-OC43 Spike S1+S2 ECD-His HCoV-NL63 Spike S1+S2 ECD-His No cross-reactivity in ELISA and WB with: SARS-CoV-2 Spike S1-His SARS-CoV-2 Spike S1 NTD-Fc & AVI SARS-CoV-2 Spike S1 NTD-His & AVI SARS-CoV-2 Spike RBD-His |
| Immunogen | This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Coronavirus Spike S1+S2 ECD protein. |
| Product Application Details | |
| Applications | Western Blot, ELISA |
| Recommended Dilutions | Western Blot 1:1000-1:5000, ELISA 1:1000-1:2000 |
| Application Notes | Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user. |

Images

Pan Coronavirus Spike Antibody (39) [NBP3-14661] - Pan Coronavirus Spike mouse monoclonal antibody at 1:1000 dilution. Sample: Recombinant Protein 10 ng Lane 1: SARS-CoV-2 Spike S1-His Lane 2: SARS-CoV-2 Spike S1 NTD-Fc & AVI Lane 3: SARS-CoV-2 Spike S1 NTD-His & AVI Lane 4: SARS-CoV-2 Spike RBD-His Lane 5: SARS-CoV-2 Spike S2 ECD-His Lane 6: SARS-CoV-2 Spike S1+S2 ECD-His Lane 7: SARS-CoV Spike S1+S2 ECD-His Lane 8: MERS-CoV Spike S1+S2 ECD-His Lane 9: HCoV-NL63 Spike S1+S2 ECD-His Lane 10: HCoV-229E Spike S1+S2 ECD-His Lane 11: HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His Lane 12: HCoV-OC43 Spike S1+S2 ECD-His Secondary Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions





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Products Related to NBP3-14661-100ul

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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