

# Product Datasheet

## **SARS Nucleocapsid Protein Antibody (AP201054) [Janelia Fluor® 669] NBP2-90967JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-90967JF669**

SARS Nucleocapsid Protein Antibody (AP201054) [Janelia Fluor® 669]

| 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                       | AP201054                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                               |
| Conjugate                   | Janelia Fluor 669                                                                                                                                                                                                                                                                                 |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                   |
| Host                        | Mouse                                                                                                                                                                                                                                                                                             |
| Gene ID                     | 1489678                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | N                                                                                                                                                                                                                                                                                                 |
| Species                     | SARS-CoV, SARS-CoV-2                                                                                                                                                                                                                                                                              |
| Reactivity Notes            | Use in SARS-CoV-2 reported in scientific literature (PMID:34944502) This antibody was selected for its ability to detect COVID-19 & SARS Coronavirus Nucleoprotein (NP) in direct ELISA. Immunogen displays the following percentage of sequence identity for non-tested species: COVID-19 (84%). |
| Immunogen                   | The antibody was developed by immunizing mice with a with a protein fragment corresponding to amino acids 1-49 (C-MSDNGPQSNQRSAPRITFGGPTDSTDNNQNGGRNGARPKQRRPQGLPNN) from the N (SARS Nucleocapsid) for the Human SARS coronavirus (Genbank accession no. NP_828858.1)                            |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                             |
| Product Application Details |                                                                                                                                                                                                                                                                                                   |
| Applications                | Western Blot, ELISA, Immunoassay, Immunocytochemistry/ Immunofluorescence, Direct ELISA                                                                                                                                                                                                           |
| Recommended Dilutions       | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoassay, Direct ELISA                                                                                                                                                                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                            |





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### **Products Related to NBP2-90967JF669**

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|                |                                                     |
|----------------|-----------------------------------------------------|
| NB100-56050PEP | SARS Nucleocapsid Protein Antibody Blocking Peptide |
| NBP3-05695     | SARS Nucleocapsid Protein Antibody Pack             |

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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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