

# Product Datasheet

## **SARS-CoV-2 Nucleocapsid Antibody (040) [Janelia Fluor® 525] NBP3-12736JF525**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12736JF525**

SARS-CoV-2 Nucleocapsid Antibody (040) [Janelia Fluor® 525]

| 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               | 040                                                                                                                                                                                                                                                                                                                   |
| Preservative        | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                    |
| Isotype             | IgG                                                                                                                                                                                                                                                                                                                   |
| Conjugate           | Janelia Fluor 525                                                                                                                                                                                                                                                                                                     |
| Purity              | Protein A purified                                                                                                                                                                                                                                                                                                    |
| Buffer              | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                    |
| Product Description |                                                                                                                                                                                                                                                                                                                       |
| Host                | Rabbit                                                                                                                                                                                                                                                                                                                |
| Gene ID             | 43740575                                                                                                                                                                                                                                                                                                              |
| Gene Symbol         | N                                                                                                                                                                                                                                                                                                                     |
| Species             | SARS-CoV                                                                                                                                                                                                                                                                                                              |
| Reactivity Notes    | Has cross-reactivity in ELISA and WB with:<br>SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein<br><br>No cross-reactivity in ELISA with:<br>MERS-CoV Nucleoprotein protein<br>HCoV-229E Nucleoprotein protein<br>HCoV-NL63 Nucleoprotein protein<br>HCoV-HKU1(isolate N5) Nucleoprotein protein<br>HCoV-OC43 Nucleoprotein |



|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity/Sensitivity</b> | <p>Has cross-reactivity in ELISA and WB with:<br/>SARS-CoV-2 Nucleocapsid Protein</p> <p>Has cross-reactivity in ELISA with:<br/>SARS-CoV-2 Omicron (B.1.1.529) Nucleocapsid Protein<br/>SARS-CoV-2 Nucleocapsid Protein<br/>SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(R203K, G204R) Protein<br/>SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(I292T) Protein<br/>SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(D3L, R203K, G204R, S235F) Protein<br/>SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(D3L, S235F) Protein<br/>SARS-CoV-2 Alpha(B.1.1.7/ B.1.237) Nucleocapsid(S194L) Protein<br/>SARS-CoV-2 Alpha/beta(B.1.1.7/ B.1.351/ A.2.2) Nucleocapsid(P13L) Protein<br/>SARS-CoV-2 Beta(B.1.351/B.1.351.2/b.1.351.3/B.1.427/B.1.429) Nucleocapsid (T205I) Protein<br/>SARS-CoV-2 Gamma(P.1/ P.1.1/ P.1.2) Nucleocapsid (P80R) Protein<br/>SARS-CoV-2 Eta(B.1.525) Nucleocapsid (A12G, T205I) Protein<br/>SARS-CoV-2 (B.1.617) Nucleocapsid (D377Y) Protein<br/>SARS-CoV-2 (B.1.617) Nucleocapsid (R203M, D377Y) Protein<br/>SARS-CoV-2 Delta(B.1.617.2) Nucleocapsid (D63G, R203M, D377Y) Protein<br/>SARS-CoV-2 (B.1.617.3) Nucleocapsid (P67S, R203M, D377Y) Protein</p> <p>No cross-reactivity in ELISA with:<br/>MERS-CoV Nucleocapsid protein<br/>HCoV-229E Nucleocapsid protein<br/>HCoV-NL63 Nucleocapsid protein<br/>HCoV-HKU1(isolate N5) Nucleocapsid protein<br/>HCoV-OC43 Nucleocapsid</p> |
| <b>Immunogen</b>               | Recombinant SARS-CoV-2 Nucleocapsid Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Notes</b>                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence           |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence           |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



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### **Products Related to NBP3-12736JF525**

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|            |                                                          |
|------------|----------------------------------------------------------|
| NBP2-90975 | Recombinant SARS-CoV-2 Nucleocapsid His (C-Term) Protein |
| NBP3-11405 | SARS-CoV-2 Nucleocapsid ELISA Kit (Colorimetric)         |

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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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