

# Product Datasheet

## SARS Nucleocapsid Protein Antibody [Janelia Fluor® 549] NB100-56576JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56576JF549**

SARS Nucleocapsid Protein Antibody [Janelia Fluor® 549]

<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>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Janelia Fluor 549
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	N
<b>Species</b>	SARS-CoV, SARS-CoV-2, Virus
<b>Reactivity Notes</b>	Use in SARS-CoV-2 reported in scientific literature (PMID:33807059).
<b>Specificity/Sensitivity</b>	Dot Blot results using recombinant proteins for cross-reactivity testing revealed high reactivity to SARS-CoV-2 Nucleocapsid protein (NBP2-90975) and low/no reactivity towards H1N1 (NBP1-99041). No cross-reactivity observed with influenza A(H1N1) virus, influenza B virus, respiratory syncytial virus, parainfluenza virus type 3, human coronavirus (HCoV) 229E, or MERS-CoV in PCR-confirmed tissue samples [PMID:32437316].
<b>Immunogen</b>	The antibody was developed by immunizing Rabbit with a synthetic peptide corresponding to amino acids 399-411 (DLDDFSKQLQSM-C) from the N (SARS Nucleocapsid) for the Human SARS coronavirus (Genbank accession no. YP_009724397.2)
<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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, SDS-Page, Dual RNAscope ISH-IHC
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, SDS-Page, Dual RNAscope ISH-IHC
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB100-56576JF549**

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NBP2-24891JF549	Rabbit IgG Isotype Control [Janelia Fluor 549]
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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