

Product Datasheet

SARS Nucleocapsid Protein Antibody (001) - Azide and BSA Free NBP2-90988-100ul

Unit Size: 100 ul

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

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Updated 2/26/2025 v.20.1

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NBP2-90988-100ul

SARS Nucleocapsid Protein Antibody (001) - Azide and BSA Free

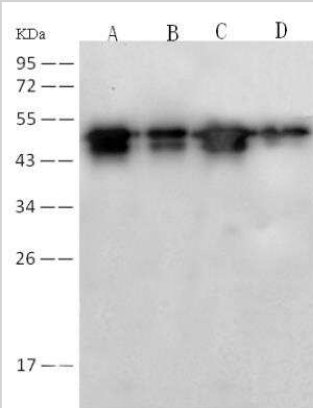
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	001
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS
Product Description	
Description	This antibody can be stored at 2C-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. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	1489678
Gene Symbol	N
Species	SARS-CoV-2, SARS-CoV
Reactivity Notes	This antibody has cross-reactivity in ELISA and WB with: SARS-CoV-2 Nucleocapsid Protein No cross-reactivity in ELISA with: MERS-CoV Nucleoprotein protein HCoV-229E Nucleoprotein protein HCoV-NL63 Nucleoprotein protein HCoV-HKU1(isolate N5) Nucleoprotein protein HCoV-OC43 Nucleoprotein



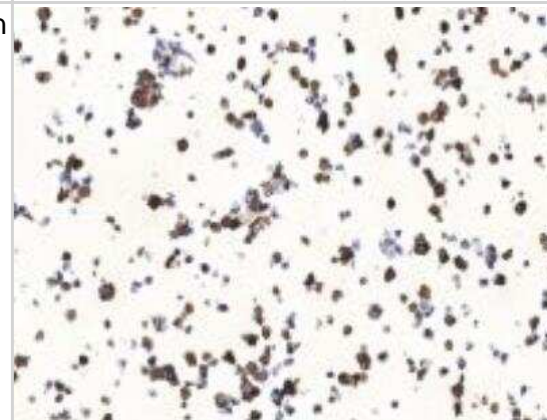
Specificity/Sensitivity	<p>Has cross-reactivity in ELISA and WB with: SARS-CoV-2 Nucleocapsid Protein</p> <p>Has cross-reactivity in ELISA with: SARS-CoV-2 Omicron (B.1.1.529) Nucleocapsid Protein SARS-CoV-2 Nucleocapsid Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(R203K, G204R) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(I292T) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(D3L, R203K, G204R, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(D3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7/ B.1.237) Nucleocapsid(S194L) Protein SARS-CoV-2 Alpha/beta(B.1.1.7/ B.1.351/ A.2.2) Nucleocapsid(P13L) Protein SARS-CoV-2 Beta(B.1.351/B.1.351.2/b.1.351.3/B.1.427/B.1.429) Nucleocapsid (T205I) Protein SARS-CoV-2 Gamma(P.1/ P.1.1/ P.1.2) Nucleocapsid (P80R) Protein SARS-CoV-2 Eta(B.1.525) Nucleocapsid (A12G, T205I) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D377Y) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (R203M, D377Y) Protein SARS-CoV-2 Delta(B.1.617.2) Nucleocapsid (D63G, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid (P67S, R203M, D377Y) Protein</p> <p>No cross-reactivity in ELISA with: MERS-CoV Nucleocapsid protein HCoV-229E Nucleocapsid protein HCoV-NL63 Nucleocapsid protein HCoV-HKU1(isolate N5) Nucleocapsid protein HCoV-OC43 Nucleocapsid protein</p>
Immunogen	Recombinant SARS-CoV Nucleoprotein/NP Protein
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:5000-1:20000, ELISA 1:5000-1:10000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunohistochemistry-Paraffin 1:5000-1:20000

Images

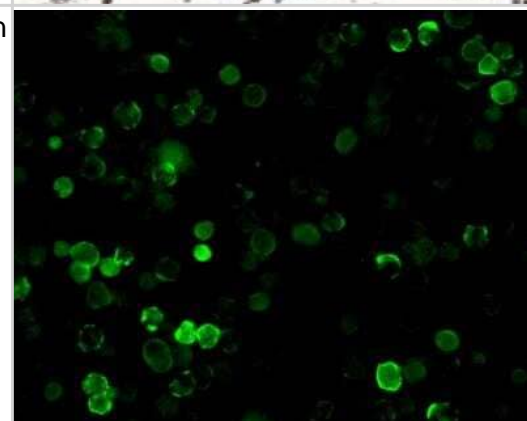
Western Blot: SARS-CoV-2 Nucleocapsid Antibody (001) [NBP2-90988] - 1:2000 dilution. Lane A: SARS-CoV-2 NP Protein (30ng). Lane B: SARS-CoV NP Protein (5ng). Lane C: SARS-CoV-2 (2019-nCoV) NP Protein (30ng). Lane D: SARS-CoV-2 (2019-nCoV) NP Protein (5ng). Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions.



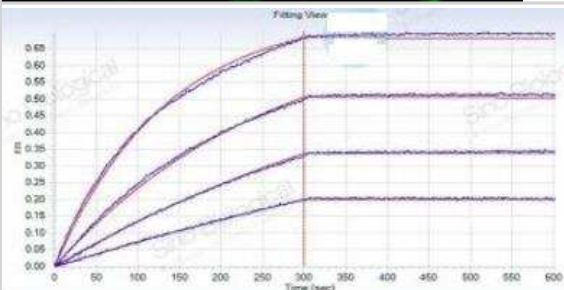
Immunocytochemistry/Immunofluorescence: SARS Nucleocapsid Protein Antibody (001) [NBP2-90988] - Nucleocapsid overexpressed HEK293 Cells were stained with purified anti-SARS Nucleocapsid Rabbit Mab, then a HRPconjugated second step antibody



Immunocytochemistry/Immunofluorescence: SARS Nucleocapsid Protein Antibody (001) [NBP2-90988] - Analysis of SARS-COV-2 Nucleocapsid overexpressed HEK293 Cells were stained with purified anti-SARS Nucleocapsid Rabbit Mab, then a Alexa Fluor®488-conjugated second step antibody.



ELISA: SARS Nucleocapsid Protein Antibody (001) [NBP2-90988] - Nucleocapsid-His recombinant Protein, Biotinylated on SA Biosensor, can bind SARSCoV/ SARS-CoV-2 Nucleocapsid Antibody, Rabbit MAb with an affinity constant of 0.02 nM as determined by Octet RED System.





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Products Related to NBP2-90988-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-56049PEP	SARS Nucleocapsid Protein Antibody Blocking Peptide

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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