Product Datasheet

SARS Nucleocapsid Protein Antibody (05) [Alexa Fluor® 647] NBP3-06413AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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SARS Nucleocapsid Protein Antibody (05) [Alexa Fluor® 647]

Product Information		
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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 05 Preservative 0.05% Sodium Azide Isotype IgG1 Conjugate Alexa Fluor 647 Purity Protein A purified Buffer 50mM Sodium Borate Product Description Mouse Gene ID 1489678 Gene D N Species SARS-CoV Specificity/Sensitivity Alexa scoss-reactivity in ELISA and WB with: SARS-CoV-2 Comicron (B.1.1.529) Nucleocapsid Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(R203K, G204R) Protein SARS-CoV-2 Beta(B.1.55) Nucleocapsid (R203K, D207F) Protein SARS-CoV-2 Comman(P.1 / P.1.1 / P.1.2) Nucleocapsid (R203K, D207F) Protein SARS-CoV-2 Beta(B.1.55) Nucleocapsid (R203K, D20	Product Information	
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SpeciesSARS-CoVSpecificity/SensitivityHas cross-reactivity in ELISA and WB with: SARS-CoV-2 Nucleocapsid ProteinHas 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(Q202T) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q1L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q1L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q1L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q1L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(Q1L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid (Q1L) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid (Q1L) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid (Q1L) Protein SARS-CoV-2 Beta(B.1.351.2/b.1.351.3/B.1.427/B.1.429) Nucleocapsid (T205I) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (A12G, T205I) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (Q23M, D377Y) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D63G, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid (D63G, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid (D63G, R203M, D377Y) Protein SARS-CoV-2 20 El nucleocapsid protein HCoV-NL63 Nucleocapsid pr	Gene ID	1489678
Specificity/Sensitivity Has cross-reactivity in ELISA and WB with: SARS-CoV-2 Nucleocapsid Protein 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(D3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(D3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(D3L, S235F) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(S194L) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(S14L) Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(S194L) Protein SARS-CoV-2 Alpha/beta(B.1.1.7/B.1.237) Nucleocapsid(P3L) Protein SARS-CoV-2 Alpha/beta(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 (B.1.617) Nucleocapsid (At2G, T205I) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D377Y) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D63G, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid protein HCoV-HCU1(isolate N5) Nucleocapsid protein HCoV-4043 Nucleocapsid protein HCoV-404	Gene Symbol	Ν
SARS-CoV-2 Nucleocapsid Protein Has cross-reactivity in ELISA with: SARS-CoV-2 Omicron (B.1.1.529) Nucleocapsid Protein SARS-CoV-2 Alpha(B.1.1.7) Nucleocapsid(P203K, G204R) 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, R203K, G204R, S235F) 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(P13L) Protein SARS-CoV-2 Alpha(B.1.1.7/ B.1.351/A.2.2) Nucleocapsid(P13L) Protein SARS-CoV-2 Alpha(B.1.1.7/ B.1.351/A.2.2) Nucleocapsid(P13L) Protein SARS-CoV-2 Gamma(P.1/ P.1.1/ P.1.2) Nucleocapsid (P80R) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D80R) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D377Y) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D33C, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid (D63G, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid (P67S, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid protein HCoV-229E Nucleocapsid protein HCoV-220F Nucleocapsid protein HCoV-220F Nucleocapsid protein HCoV-NL63 Nucleocapsid protein HCoV-OC43 Nucleocapsid protein HCoV-OC43 Nucleocapsi	Species	SARS-CoV
mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant SARS Nucleocapsid Protein (Accession#: NP_828858.1; Met1-	Specificity/Sensitivity	SARS-CoV-2 Nucleocapsid Protein 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(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) Nucleocapsid(D3L, 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 (B.1.617) Nucleocapsid (A12G, T205I) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D377Y) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (D377Y) Protein SARS-CoV-2 (B.1.617) Nucleocapsid (P63G, R203M, D377Y) Protein SARS-CoV-2 (B.1.617.3) Nucleocapsid (P67S, R203M, D377Y) Protein No cross-reactivity in ELISA with: MERS-CoV Nucleocapsid protein HCoV-229E Nucleocapsid protein HCoV-HKU1(isolate N5) Nucleocapsid protein
	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 SARS Nucleocapsid Protein (Accession#: NP_828858.1; Met1-



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Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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