

Product Datasheet

SARS-CoV-2 Nucleocapsid Antibody (040) [CoraFluor™ 1] NBP3-12736CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP3-12736CL1**SARS-CoV-2 Nucleocapsid Antibody (040) [CoraFluor™ 1]**

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. Do not freeze.
Clonality	Monoclonal
Clone	040
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Rabbit
Gene ID	43740575
Gene Symbol	N
Species	SARS-CoV
Reactivity Notes	Has cross-reactivity in ELISA and WB with:
SARS-CoV-2 (2019-nCoV) 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	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(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 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
Immunogen	Recombinant SARS-CoV-2 Nucleocapsid Protein
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

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



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Products Related to NBP3-12736CL1

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

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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