

Product Datasheet

SARS Spike Protein Antibody (D005) [CoraFluor™ 1] NBP2-90989CL1

Unit Size: 0.1 ml

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

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NBP2-90989CL1**SARS Spike Protein Antibody (D005) [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	D005
Preservative	No Preservative
Isotype	IgG1
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	Human
Species	SARS-CoV, SARS-CoV-2
Reactivity Notes	This antibody has cross-reactivity in ELISA with:
SARS-CoV Spike S1 Protein
SARS-CoV-2 Spike S1 Protein
SARS-CoV-2 Spike RBD Protein

No cross-reactivity in ELISA with:
MERS-CoV Spike S1 Protein
HCoV-HKU1 Spike S1 Protein
HCoV-HKU1 Spike S1 Protein
HCoV-NL63 Spike S1 Protein
HCoV-229E Spike S1 Protein
HCoV-OC43 Spike S1+S2 ECD Protein



Specificity/Sensitivity	Has cross-reactivity in ELISA with: SARS-CoV-2 Omicron (B.1.1.529) Spike RBD Protein SARS-CoV-2 Omicron (B.1.1.529) Spike S1 Protein SARS-CoV-2 Omicron (B.1.1.529) S1+S2 trimer Protein SARS-CoV-2 Delta (B.1.617.2) Spike RBD Protein SARS-CoV-2 Delta (B.1.617.2) Spike S1+S2 Protein SARS-CoV Spike S1 Protein SARS-CoV-2 Spike S1 Protein SARS-CoV-2 Spike RBD Protein No cross-reactivity in ELISA with: MERS-CoV Spike S1 Protein HCoV-HKU1 (isolate N1) Spike S1 Protein HCoV-HKU1 (isolate N5) Spike S1 Protein HCoV-NL63 Spike S1 Protein HCoV-229E Spike S1 Protein HCoV-OC43 Spike S1+S2 ECD Protein
Immunogen	Recombinant SARS-CoV Spike RBD 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	ELISA
Recommended Dilutions	ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP2-90989CL1

NB100-56048PEP	SARS Spike Protein Antibody Blocking Peptide
NB100-56047PEP	SARS Spike 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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