

Product Datasheet

Spike RBD Antibody (1035753) [CoraFluor™ 1] FAB105808CL1

Unit Size: 0.1 ml

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

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FAB105808CL1

Spike RBD Antibody (1035753) [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	1035753
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma culture supernatant
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	Mouse
Species	SARS-CoV-2
Specificity/Sensitivity	In a functional flow cytometry assay, this antibody binds and blocks SARS-CoV-2 Spike RBD interaction with human ACE-2 transfectants. Detects SARS-CoV-2 Spike RBD and SARS-CoV-2 Spike S1 in sandwich ELISAs when used in the indicated ELISA antibody pairings. Detects SARS-CoV-2 B.1.1.529 S RBD (Omicron Variant) in direct ELISAs.
Immunogen	<i>Spodoptera frugiperda</i> , Sf 21 (baculovirus)-derived SARS-CoV-2 Spike S1 Subunit Val16-Pro681 Accession # YP_009724390.1
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, Blockade of Receptor-ligand Interaction
Recommended Dilutions	ELISA, Blockade of Receptor-ligand Interaction
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB105808CL1

NBP3-07930	Recombinant SARS-CoV-2 Spike RBD (N501Y) His Avi-tag Protein
10500-CV-100	Spike RBD [Unconjugated]

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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