Product Datasheet

SARS-CoV-2 Spike S1 Protein Antibody (1035224) [CoraFluor™ 1]
FAB105405CL1

Unit Size: 0.1 ml

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

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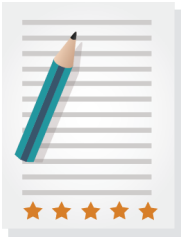
Updated 8/13/2025 v.20.1



FAB105405CL1

SARS-CoV-2 Spike S1 Protein Antibody (1035224) [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	1035224
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	Detects SARS-CoV-2 Spike S1 RBD and SARS-CoV-2 B.1.1.529 S RBD (Omicron Variant) in direct ELISAs
Immunogen	HEK293-derived SARS-CoV-2 Spike S1 Subunit 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	Blockade of Receptor-ligand Interaction
Recommended Dilutions	Blockade of Receptor-ligand Interaction
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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Products Related to FAB105405CL1

10569-CV-100	SARS-CoV-2 Spike S1 Protein [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.

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