

# Product Datasheet

## CFTR Antibody (MM13-4) [CoraFluor™ 1] NBP2-29828CL1

Unit Size: 0.1 ml

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

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**NBP2-29828CL1**

CFTR Antibody (MM13-4) [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	MM13-4
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G 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(IM) 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.
Host	Mouse
Gene ID	1080
Gene Symbol	CFTR
Species	Human
Reactivity Notes	Does not work on mouse or dogfish shark.
Specificity/Sensitivity	Human cystic fibrosis transmembrane conductance regulator (CFTR). Recognizes an epitope at the N-terminal between residues 24 and 35.
Immunogen	Synthetic peptide (RKGYRQRLELSD) corresponding to residues 25-36 of human cystic fibrosis transmembrane conductance regulator (CFTR).
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, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry (Negative)
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry (Negative)
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-29828CL1**

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H00001080-Q01-10ug	Recombinant Human CFTR GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-75258	Human CFTR ELISA Kit (Colorimetric)
M6000B-1	IL-6 [HRP]

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### **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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