

Product Datasheet

Glycophorin A Antibody (M2A1) [CoraFluor™ 1] NBP2-81107CL1

Unit Size: 0.1 ml

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

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NBP2-81107CL1

Glycophorin A Antibody (M2A1) [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	M2A1
Preservative	No Preservative
Isotype	IgG Kappa
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	<p>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.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p>
Host	Rabbit
Gene ID	2993
Gene Symbol	GYPA
Species	Human
Specificity/Sensitivity	M2A1 binds specifically to the M antigen on human erythrocytes, and shows no reactivity to N antigen. The epitope for this antibody includes the amino-terminal serine residue and sialic acid residues of glycophorin A. The reactivity of M2A1 for M antigen is pH- and salt-dependent (optimum ~ pH8-9). Blood group antigen M is located on the major sialoglycoprotein (glycophorin A) of red blood cells.
Immunogen	M2A1 was prepared by immunizing BALB/c mice with human red blood cells of the M phenotype, and was screened by testing for anti-M activity.
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, Functional (Inhibition), Immunoblotting
Recommended Dilutions	ELISA, Immunoblotting, Functional (Inhibition)



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-81107CL1

NBP2-59660-50ug	Recombinant Human Glycophorin A His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-31820	Human Glycophorin A ELISA Kit (Colorimetric)
NB100-417	Carbonic Anhydrase IX/CA9 Antibody - BSA Free

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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