

Product Datasheet

FcgR4/CD16-2 Antibody (012) [CoraFluor™ 1] NBP3-05890CL1

Unit Size: 0.1 ml

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

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NBP3-05890CL1

FcγR4/CD16-2 Antibody (012) [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	012
Preservative	No Preservative
Isotype	IgG
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	Rabbit
Gene ID	246256
Gene Symbol	Fcgr4
Species	Mouse
Reactivity Notes	Has cross-reactivity in ELISA with:

Human CD64 / FCGR1A

No cross-reactivity in ELISA with:

Human CD16a / FCGR3A / FcRIIIa
Human CD16b / FCGR3B / FcRIIIb
Human CD32a / FCGR2A
Human CD32b / FCGR2B
Mouse CD16 / FCGR3
Specificity/Sensitivity	Has cross-reactivity in ELISA with: Human CD64 / FCGR1A No cross-reactivity in ELISA with: Human CD16a / FCGR3A / FcRIIIa Human CD16b / FCGR3B / FcRIIIb Human CD32a / FCGR2A Human CD32b / FCGR2B Mouse CD16 / FCGR3



Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse FcγR4/CD16-2 (Accession#: NP_653142.2; Met 1-Gln 203).
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, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP3-05890CL1

210-TA-005	TNF-alpha [Unconjugated]
1974-CD-050	FcgR4/CD16-2 [Unconjugated]
202-IL-010	IL-2 [Unconjugated]
AF231	EGFR Antibody [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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