

Product Datasheet

Fc gamma RII/CD32 Antibody (FCGR2A/479) [Alexa Fluor® 350]

NBP3-08220AF350

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/10/2024 v.20.1

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NBP3-08220AF350

Fc gamma RII/CD32 Antibody (FCGR2A/479) [Alexa Fluor® 350]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	FCGR2A/479
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 350
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	2213
Gene Symbol	FCGR2B
Species	Human
Specificity/Sensitivity	This monoclonal antibody binds most strongly to the IIa isoforms of CD32 (FcRII), a type 1 transmembrane glycoprotein that mediates several functions including phagocytosis, cytotoxicity, and immunomodulation as well as platelet aggregation. Three genes (A, B, and C) encode CD32 and at least 6 isoforms are generated via alternative mRNA splicing, i.e., IIa1, IIa2, IIb1, IIb2, IIb3 and IIc. Monocytes/macrophages, placental trophoblasts and endothelial cells express all isoforms. In addition, the IIb isoform is expressed by B cells, and the IIa isoform by platelets, granulocytes and, weakly, by B cells. NK cells and neutrophils express Isoform IIc. CD32 binds weakly to the Fc region of monomeric IgG but more strongly to IgG aggregates and immune complexes.
Immunogen	Recombinant human Fc gamma RII/CD32 protein (Uniprot: P12318)



Notes

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Product Application Details

Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

Fc gamma RII/CD32 Antibody (FCGR2A/479) [Alexa Fluor® 350] [NBP3-08220AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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Products Related to NBP3-08220AF350

NBP1-43317AF350	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 350]
NBP3-21229PEP	Fc gamma RII/CD32 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP3-00382	Human Fc gamma RII/CD32 ELISA Kit (Colorimetric)

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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