

# Product Datasheet

## **Fc gamma RII/CD32 Antibody (FCGR2A/479) [Alexa Fluor™ Plus 594] NBP3-08220AFP594**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08220AFP594**

Fc gamma RII/CD32 Antibody (FCGR2A/479) [Alexa Fluor™ Plus 594]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	FCGR2A/479
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Conjugate</b>	Alexa Fluor Plus 594
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2213
<b>Gene Symbol</b>	FCGR2B
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Recombinant human Fc gamma RII/CD32 protein (Uniprot: P12318)
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**Product Application Details**[www.novusbio.com](http://www.novusbio.com)[technical@novusbio.com](mailto:technical@novusbio.com)

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



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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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