

# Product Datasheet

## Fc gamma RIIIA/CD16a Antibody (DJ130c) [Alexa Fluor™ Plus 647] NB100-64346AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-64346AFP647**

Fc gamma RIIIA/CD16a Antibody (DJ130c) [Alexa Fluor™ Plus 647]

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.
Clonality	Monoclonal
Clone	DJ130c
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor Plus 647
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	2214
Gene Symbol	FCGR3A
Species	Human
Reactivity Notes	Predicted cross-reactivities: Macaque
Specificity/Sensitivity	NB100-64346 recognizes human CD16, a 50-65kD cell surface molecule, which is the low affinity receptor for IgG (FcR III). CD16 exists as a transmembranous form (Fc gammaRIIA, or CD16A) and a glycosyl phosphatidylinositol (GPI) anchored form (Fc gammaRIIB, or CD16B). CD16A is expressed by NK cells, some T cells, and macrophages, whereas CD16B is primarily expressed by granulocytes. In addition, CD16B exists as two allelic variants NA1 and NA2. DJ130c recognizes all polymorphonuclear cells irrespective on their NA phenotype. Studies show that the DJ130c antibody recognizes an epitope in the first membrane-distal domain of CD16 and recognizes both CD16A and CD16B.
Immunogen	CD34 antigen
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Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen



<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-64346AFP647**

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NBP2-33753PEP	Fc gamma RIIIA/CD16a Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
4325-FC-050	Fc gamma RIIIA/CD16a [Unconjugated]
202-IL-010	IL-2 [Unconjugated]

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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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