

# Product Datasheet

## Fc gamma RIIIA/CD16a Antibody (DJ130c) [DyLight 650] NB100-64346C

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-64346C**

Fc gamma RIIIA/CD16a Antibody (DJ130c) [DyLight 650]

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	DyLight 650
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	2214
Gene Symbol	FCGR3A
Species	Human
Reactivity Notes	Reacts with: 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
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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

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NBP1-97005C	Mouse IgG1 Isotype Control (MG1) [DyLight 650]
NBP2-33753PEP	Fc gamma RIIIA/CD16a Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
4325-FC-050	Fc gamma RIIIA/CD16a [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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