

Product Datasheet

Fc gamma RIIIA/CD16a Antibody (DJ130c) - BSA Free NB100-64346

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64346

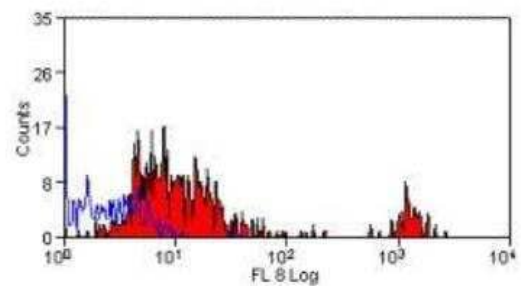
Fc gamma RIIIA/CD16a Antibody (DJ130c) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DJ130c
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
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 gammaRIIIA, or CD16A) and a glycosyl phosphatidylinositol (GPI) anchored form (Fc gammaRIIIB, 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
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	For IHC-Paraffin: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections; sodium citrate buffer pH 6.0 is recommended for this purpose.

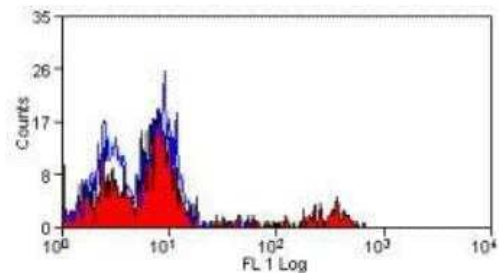


Images

Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (DJ130c) [NB100-64346] - Staining of human peripheral blood lymphocytes.



Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (DJ130c) [NB100-64346] - Staining of human peripheral blood lymphocytes.





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Products Related to NB100-64346

NBL1-10658	Fc gamma RIIIA/CD16a Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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