

Product datasheet for **SM1073B**

CD16 (FCGR3A) Mouse Monoclonal Antibody [Clone ID: LNK16]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LNK16
Applications:	FC
Recommended Dilution:	Flow Cytometry: Neat-1/5; Use 10µl of the suggested working dilution to label 10e6 cells or 100 µl human whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Normal human peripheral blood granulocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse X63.653 myeloma cell line.
Specificity:	This antibody recognises CD16.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% Bovine Serum Albumin as stabilizer. Label: Biotin State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Fc fragment of IgG receptor IIIa
Database Link:	Entrez Gene 2214 Human P08637

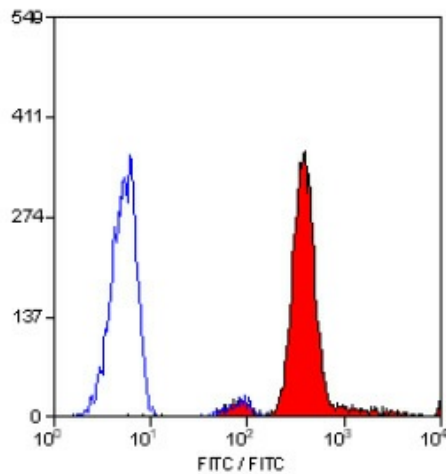


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Background: CD16 is a 50-65kD cell surface molecule which exists in two forms - a transmembranous form expressed by NK cells and some T cells, and a phosphatidylinositol linked form expressed by granulocytes. CD16 is a low affinity receptor for IgG (FcR III), and is an important receptor mediating ADCC by NK cells.

Synonyms: FCGR3A, CD16A, FCG3, FCGR3, IGFR3, Fc-gamma RIII-alpha, Fc-gamma RIII, Fc-gamma RIIIa, FcRIII, FcRIIIa, FcR-10, IgG Fc receptor III-2

Product images:



Staining of human peripheral blood granulocytes with Mouse Anti Human CD16-Biotin.