

Monoclonal Antibody to CD16 - FITC

Alternate names:	CD16A, FCG3, FCGR3, FCGR3A, Fc-gamma RIII, Fc-gamma RIII-alpha, Fc-gamma RIIIa, FcR-10, FcRIII, FcRIIIa, IGFR3, IgG Fc receptor III-2, Low affinity immunoglobulin gamma Fc region receptor III-A
Catalog No.:	SM1073F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	<p>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.</p> <p>CD16a is a transmembrane protein of monocytes, macrophages, NK cells and a subset of T cells. CD16b is a GPI-linked monomeric receptor expressed on neutrophils and is involved in their activation and induction of a proadhesive phenotype. CD16a is a transmembrane protein of monocytes, macrophages, NK cells and a subset of T cells. CD16b is a GPI-linked monomeric receptor expressed on neutrophils and is involved in their activation and induction of a proadhesive phenotype.</p>
Uniprot ID:	P08637
NCBI:	NP_000560.5
GeneID:	2214
Host / Isotype:	Mouse / IgG1
Clone:	LNK16
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.
Format:	<p>State: Liquid purified IgG fraction.</p> <p>Purification: Ion Exchange Chromatography.</p> <p>Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer.</p> <p>Label: FITC – Fluorescein Isothiocyanate Isomer 1</p>
Applications:	<p>Flow Cytometry: Use 10 µl of neat CD16 antibody to label 10e6 cells or 100 µl of whole blood.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This antibody recognizes CD16.</p> <p>Species: Human.</p> <p>Other species not tested.</p>

For research and in vitro use only. Not for diagnostic or therapeutic work.

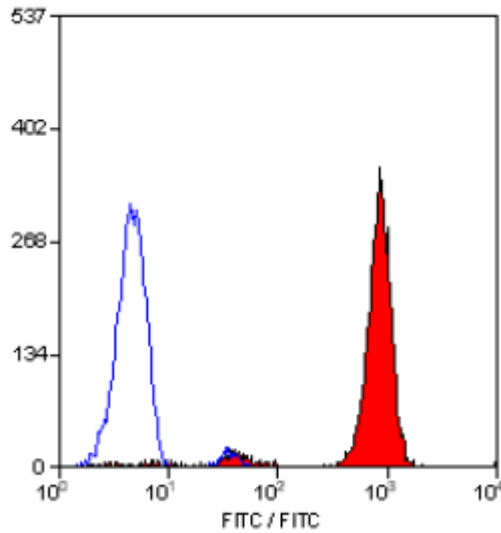
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:



Staining of human peripheral blood granulocytes with Mouse Anti Human CD16 antibody -FITC (SM1073F/FT)

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