

Monoclonal Antibody to CD16b - FITC

Alternate names:	FCG3, FCGR3, FCGR3B, Fc-gamma RIII-beta, Fc-gamma RIIIb, FcR-10, FcRIIIb, IGFR3, IgG Fc receptor III-1, Low affinity immunoglobulin gamma Fc region receptor III-B
Catalog No.:	SM1050F
Quantity:	100 Tests
Background:	CD16b is the GPI - linked FcRIIIB molecule, which is a low affinity receptor for human IgG.
Uniprot ID:	075015
NCBI:	NP_000561.3
GeneID:	2215
Host / Isotype:	Mouse / IgM
Clone:	1D3
Immunogen:	Human granulocytes
Format:	State: Liquid Purification: Purified Buffer System: Phosphate buffered saline with 0.09% Sodium Azide as preservative and 0.2% Bovine Serum Albumin as stabilizer Label: FITC – Fluorescein Isothiocyanate Isomer 1 <i>Absorption / Emission:</i> 495 nm / 528 nm
Applications:	Flow cytometry (use 20 µl of neat antibody to label 5x 10e5 cells in 100 µl). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognises the human CD16b cell surface antigen. CD16b is expressed only by neutrophils, whilst CD16a is expressed by neutrophils and natural killer cells. Species: Human. Other species not tested.
Storage:	Store at 2-8°C or at -20°C if preferred. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: One year from despatch.
General References:	1. Ravetch, J.V. and Kinet, J.D. (1991) Fc receptors. Ann. Rev. Immunol. 9: 457-492.

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