

SM2093F**Monoclonal Antibody to CD16/CD32 - FITC**

Alternate names:	CD16a, FCG3, FCGR3A, Fc gamma receptor IIB, Fc-gamma RIII, Fc-gamma RIII-alpha, Fc-gamma RIIIa, Fc-gamma-RIIB, FcR mouse Seroblock, FcRII, FcRIII, FcRIIIa, Fcgr2, IGFR3, IgG Fc receptor III-2, Low affinity immunoglobulin gamma Fc region receptor III-A, Low affinity immunoglobulin gamma Fc region receptor III-B, Ly-17
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	In the mouse only the transmembrane form of CD16 is reported to exist, which is expressed on macrophages, NK cells, granulocytes, myeloid precursors, and subpopulations of T lymphocytes. CD32 is primarily expressed on cells of the myeloid lineage and also on mature B lymphocytes.
Host / Isotype:	Rat / IgG2b
Clone:	FCR 4G8
Immunogen:	PU5 1.8 IOE7 Balb/c mouse cell line. Cells from immunised rats were fused with cells of the mouse P3X63-Ag8.653 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises an epitope expressed by the low affinity Fc receptors, Fc gamma III (CD16) and Fc gamma II (CD32). Species: Mouse. Other species not tested.
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. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.

Pictures:

Staining of mouse peritoneal macrophages with RAT ANTI MOUSE CD16/32: FITC (SM2093F).

