

Product datasheet for **SM1152LE**

CD64 (FCGR1A) Mouse Monoclonal Antibody [Clone ID: 10.1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10.1
Applications:	FC, FN, IF
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/200 diluted antibody to label 10 ⁶ cells in 100 µl. Functional Assays. Immunofluorescence.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human monocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse Sp2/0-Ag14 myeloma cell line.
Specificity:	This antibody recognizes CD64 cell surface antigen. This antibody blocks binding of immunoglobulin to FcRI.
Formulation:	PBS containing no preservatives State: Low Endotoxin State: Liquid purified IgG fraction Stabilizer: None
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Fc fragment of IgG receptor Ia
Database Link:	Entrez Gene 2209 Human P12314



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Background: CD64 is a 75kD molecule expressed by monocytes, interferon gamma stimulated granulocytes, myelomonocytic leukaemias and myeloid cell lines.

Synonyms: IgG Fc receptor I, FcgammaRIa, FcRI, Fc-gamma RI, Fc-gamma RIA