

Product datasheet for **SM1152P**

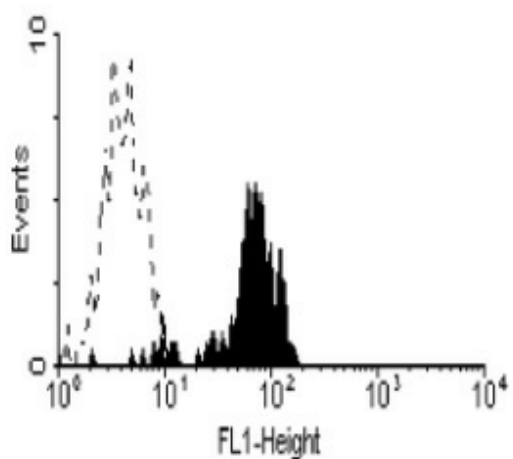
CD64 (FCGR1A) Mouse Monoclonal Antibody [Clone ID: 10.1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10.1
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells in 100 µl.
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 recognises the CD64 cell surface antigen. This antibody blocks binding of immunoglobulin to FcRI.
Formulation:	PBS containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
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 Ia
Database Link:	Entrez Gene 2209 Human P12314
Background:	CD64 is a 75kD glycoprotein expressed by monocytes. The antigen acts as a high affinity receptor for human IgG, and is also known as FcRI.
Synonyms:	IgG Fc receptor I, FcγRIa, FcRI, Fc-gamma RI, Fc-gamma RIA



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Product images:

(Mouse anti Human CD64) staining of peripheral blood monocytes visualised with F(ab')₂ Rabbit anti Mouse IgG-FITC.