

Product datasheet for **SM1152R**

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

Product data:

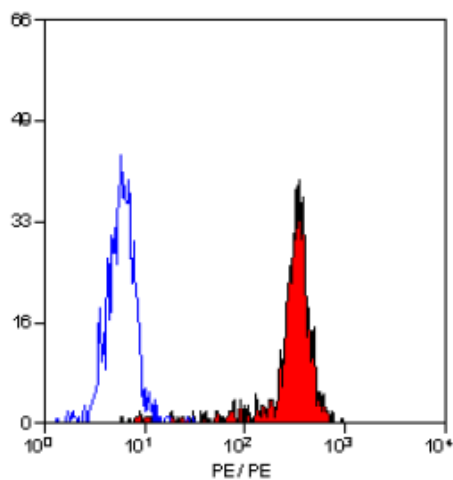
Product Type:	Primary Antibodies
Clone Name:	10.1
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of Neat-1/10 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human monocytes. Spleen cells from immunised 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.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water.
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
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 and by some myeloid cell lines and myeloid leukaemias. CD64 is a high affinity receptor for IgG and is also known as FcRI.



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

Product images:



Staining of human peripheral blood monocytes with Mouse Anti Human CD64-RPE (SM1152R).