

Monoclonal Antibody to CD64 / FCGR1A - PE

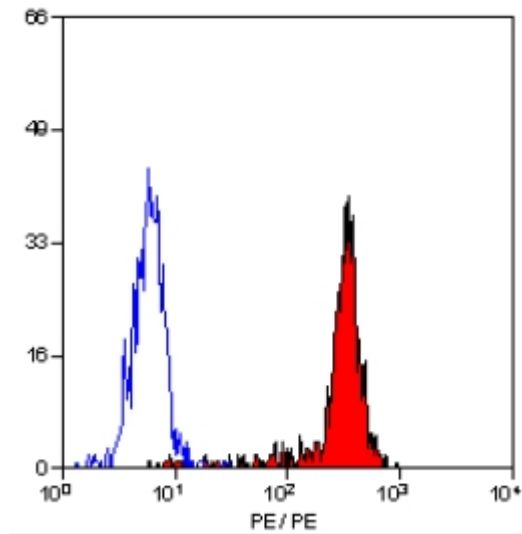
Alternate names:	Fc-gamma RI, Fc-gamma RIA, FcRI, FcgammaRIa, High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I
Catalog No.:	SM1152RT
Quantity:	25 Tests
Background:	CD64 is a 75kD glycoprotein expressed by monocytes and by some myeloid cell lines and myeloid leukaemias. CD64 is a high affinity receptor for IgG and is also known as FcRI.
Uniprot ID:	P12314
NCBI:	NP_000557.1
GeneID:	2209
Host / Isotype:	Mouse / IgG1
Clone:	10.1
Immunogen:	Human monocytes. Spleen cells from immunised Balb/c mice were fused with cells of the mouse Sp2/0-Ag14 myeloma cell line.
Format:	State: Lyophilized purified IgG fraction. Purification: Affinity Chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 0.25 ml distilled water.
Applications:	Flow Cytometry: Use 10 µl of Neat-1/10 diluted antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD64 cell surface antigen. Species: Human, Cynomolgus Monkey, Baboon and Rhesus Monkey. Other species not tested.
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. Shelf life: one year from despatch.
General References:	1. Dougherty, G. et al. (1987) The human mononuclear phagocyte high-affinity Fc receptor, FcRI, defined by a monoclonal antibody, 10.1. Eur. J. Immunol. 17: 1453-1459. 2. Yoshino, N. et al. (2000) Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of Cynomolgus monkeys (<i>Macaca fascicularis</i>) by using anti-human cross-reactive antibodies. Exp. Anim. 49: 97-110.

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

Pictures:



Staining of human peripheral blood monocytes with Mouse Anti Human CD64-RPE (SM1152RT).

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