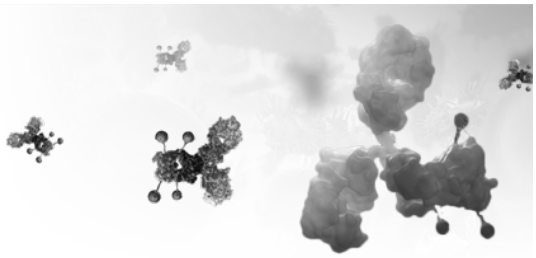

Anti-FCGR1A monoclonal antibody, clone 10.1 [R-PE] (CABT-46596MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD64 antibody, clone 10.1 recognizes the human CD64 cell surface antigen, a 75kD glycoprotein expressed by monocytes. The antigen acts as a high affinity receptor for human IgG, and is also known as FcRI. Mouse anti Human CD64 antibody, clone 10.1 blocks binding of immunoglobulin to FcRI. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	FCGR1A
Immunogen	Human monocytes
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Baboon, Cynomolgus monkey, Rhesus monkey
Clone	10.1
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before

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use.

GENE INFORMATION

Gene Name	FCGR1A Fc fragment of IgG, high affinity Ia, receptor (CD64) [Homo sapiens (human)]
Official Symbol	FCGR1A
Synonyms	FCGR1A; Fc fragment of IgG, high affinity Ia, receptor (CD64); CD64; FCRI; CD64A; IGFR1; high affinity immunoglobulin gamma Fc receptor I; Fc fragment of IgG, high affinity Ia, receptor for (CD64); Fc gamma receptor; Fc-gamma RI; Fc-gamma receptor I A1; I
Entrez Gene ID	2209
Protein Refseq	NP_000557.1
UniProt ID	P12314
Chromosome Location	1q21.2-q21.3
Pathway	Adaptive Immune System; Antigen processing-Cross presentation; Class I MHC mediated antigen processing & presentation; Cross-presentation of soluble exogenous antigens (endosomes); Cytokine Signaling in Immune system; FCGR activation; Fc gamma R-mediated phagocytosis; Fcgamma receptor (FCGR) dependent phagocytosis;
Function	IgG binding; protein binding; receptor signaling protein activity

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