



Anti-FCGR2A monoclonal antibody, clone AT10 [R-PE] (CABT-45952MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD32 antibody, clone AT10 recognizes the human CD32 antigen, a 40kDa glycoprotein that acts as a low affinity receptor for IgG (also known as Fc gamma RII). The antigen mediates several functions including endocytosis, activation of secretion, cytotoxicity and immunomodulation. CD32 is expressed by B cells, monocytes, granulocytes and platelets. Clone AT10 blocks the binding of IgG to Fc gamma RII. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood.
Specificity	FCGR2A
Immunogen	K562 cell line
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Dog, Pig, Rhesus monkey
Clone	AT10
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 use.

GENE INFORMATION

Gene Name	FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [Homo sapiens (human)]
Official Symbol	FCGR2A
Synonyms	FCGR2A; Fc fragment of IgG, low affinity IIa, receptor (CD32); CD32; FCG2; FcGR; CD32A; CDw32; FCGR2; IGFR2; FCGR2A1; low affinity immunoglobulin gamma Fc region receptor II-a; fcRII-a; fc-gamma-RIIa; fc-gamma RII-a; igG Fc receptor II-a; Immunoglobulin G
Entrez Gene ID	2212
Protein Refseq	NP_001129691
UniProt ID	P31995
Chromosome Location	1q23
Pathway	FCGR activation; Fc gamma R-mediated phagocytosis; Fcgamma receptor (FCGR) dependent phagocytosis; Immune System; Innate Immune System; Leishmaniasis; Osteoclast differentiation; Phagosome;
Function	IgG binding;