

## Product datasheet for **SM1092RT**

### CD32A (FCGR2A) Mouse Monoclonal Antibody [Clone ID: AT10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	AT10
Applications:	FC
Recommended Dilution:	<b>Flow cytometry:</b> Use 10µl of neat antibody to label 10 <sup>6</sup> cells or 100 µl whole blood.
Reactivity:	Canine, Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	K562 cell line. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity:	This antibody recognizes the Human CD32 antigen. Clone AT10 blocks the binding of IgG to Fc gamma R11 (See Larsson, M. et al. for details). SM1092LE is recommended for this purpose.
Formulation:	PBS Label: PE State: Lyophilized purified IgG fraction Stabilizer: 1% BSA, 5% sucrose Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE)
Reconstitution Method:	SM1092R: Restore with 1.0 ml distilled water. SM1092RT: Restore with 0.25 ml distilled water.
Purification:	Affinity Chromatography on Protein A
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.



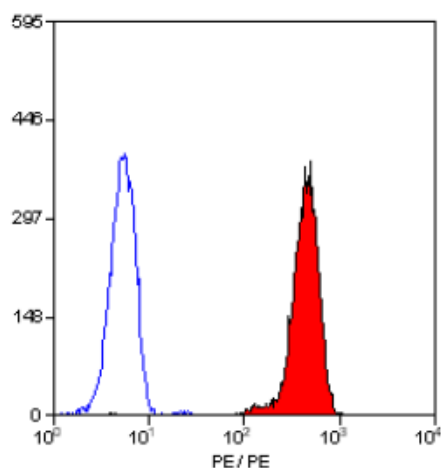
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**Database Link:** [Entrez Gene 2212 Human P12318](#)

**Background:** CD32 is a 40kD 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.

**Synonyms:** Fc-gamma RII-a, Fc-gamma-RIIa, CDw32, FCGR2A, FCG2, FCGR2A1, IGFR2

### Product images:



Staining of human peripheral blood granulocytes with MOUSE ANTI HUMAN CD32:RPE ([SM1092R]).