

Product datasheet for **SM1092LE**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT10
Applications:	ELISA, FC, FN, IHC, IP
Recommended Dilution:	ELISA. Functional assays. Immunoprecipitation: 20 µg/ml. Flow Cytometry: Use 10 µl of 20 µg/ml diluted CD32 antibody to label 1x10 ⁶ cells or 100 µl whole blood. Immunohistochemistry on Frozen Sections: 1/500-1/1000. The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. It is recommended to use acetone fixation for frozen sections. <i>Histology Positive Control tissue:</i> Lymph node. Not suitable for Paraffin Sections.
Reactivity:	Canine, Human, Monkey, Rhesus Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	K562 cell line
Specificity:	This Monoclonal antibody AT10 recognises the Human CD32 antigen. Clone AT10 blocks the binding of IgG to Fc gamma RII (Ref. 4).
Formulation:	PBS without preservatives State: Low Endotoxin State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 20°C only. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name:	Fc fragment of IgG receptor IIa
Database Link:	Entrez Gene 2212 Human P12318
Background:	CD32 antigen is a 40 kD 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
Note:	Endotoxin Level: < 0.01EU/μg