

Product datasheet for **TA320386**

CD11b (ITGAM) Mouse Monoclonal Antibody [Clone ID: ICRF44]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ICRF44
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay
Reactivity:	Baboon, Chimpanzee, Human, Rhesus Monkey
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	integrin subunit alpha M
Database Link:	NP_000623 Entrez Gene 3684 Human P11215

Background: The ICRF44 monoclonal antibody reacts with human CD11b, a 165 kDa adhesion molecule. CD11b associated with integrin $\beta 2$ (CD18) is expressed on the surface of monocytes, granulocytes, activated lymphocytes and a subset of NK cells. CD11b is a receptor for intercellular adhesion molecule family members CD54, CD102 and CD50 as well as for iC3b. These adhesions are crucial in cell-cell and cell-matrix interactions.

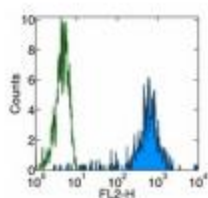
Synonyms: CD11B; CR3A; MAC-1; MAC1A; MO1A; SLEB6

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Hematopoietic cell lineage, Leukocyte transendothelial migration, Regulation of actin cytoskeleton



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Product images:

Staining of normal human peripheral blood cells with Anti-Human CD11b PE. Autofluorescence is indicated by open histogram. Cells in the monocyte population were used for analysis.