

Product datasheet for **TA320387**

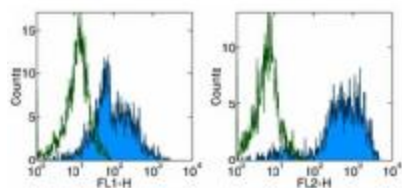
Itgam Rat Monoclonal Antibody [Clone ID: M1/70]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M1/70
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay, IP
Reactivity:	Mouse
Host:	Rat
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 alpha M
Database Link:	NP_032427 Entrez Gene 16409 Mouse
Background:	The M1/70 monoclonal antibody reacts with mouse CD11b, the 165-170 kDa integrin α M. CD11b non-covalently associates with CD18 to form α M β 2 integrin (Mac-1) and binds to CD54 (ICAM-1), C3bi, and fibrinogen. Mac-1 is expressed by macrophages, NK cells, granulocytes, activated lymphocytes and mouse B-1 cells in the peritoneal cavity. M1/70 is also cross-reactive to human CD11b, and can be used for the detection of this antigen on human peripheral blood monocytes, granulocytes, and a subset of NK cells. Through interactions with its ligands, CD11b participates in adhesive cell interactions.
Synonyms:	CD11B; CR3A; MAC-1; MAC1A; MGC117044; MO1A; SLEB6



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Product images:

Staining of mouse bone marrow with Anti-Mouse CD11b FITC (left) and PE (right). Appropriate isotype controls were used (open histogram). Cells in the myeloid population were used for analysis.