

Product datasheet for **AM50206PU-S**

CD11b (ITGAM) Rat Monoclonal Antibody [Clone ID: M1/70]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M1/70
Applications:	IF, IHC, IP
Recommended Dilution:	ELISA: Use BSA free Antibody for coating. Flow Cytometry: 0.5-1 µg/million cells. Immunofluorescence: 0.5-1 µg/ml. Functional Studies: Use Antibody without BSA and Azide. Immunoprecipitation: 0.5-1 µg/500 µg protein lysate. Immunohistochemistry on Frozen Sections: 0.5-1.0 µg/ml for 30 minutes at RT. Positive Control: Monocytes & granulocytes, Lymph nodes and tonsils.
Reactivity:	Baboon, Chimpanzee, Human, Mouse, Rabbit
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	B10 Mouse spleen cells enriched for T lymphocytes.
Specificity:	CD11b is a cell adhesion molecule that acts as a receptor for cell surface ligands such as intracellular adhesion molecules (ICAMs) or soluble ligands. Integrins are heterodimeric proteins that contain an a chain and b chain. Integrin αM combines with the Integrin β2 to form a leukocyte-specific integrin referred to as macrophage receptor 1 (Mac-1), or inactivated-C3b (iC3b) receptor 3 (CR3). Integrin αM/β2 is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Cellular Localization: Cell surface.
Formulation:	10mM PBS State: Purified State: Liquid purified IgG fraction from Bioreactor Concentrate Stabilizer: 0.05% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A/G Chromatography



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Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	95 kDa & 170 kDa
Gene Name:	integrin subunit alpha M
Database Link:	Entrez Gene 3684 Human P11215
Synonyms:	ITGAM, CR3A, CR-3 alpha chain, Integrin alpha-M, MAC1