

Product datasheet for **AM50206PU-T**

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

Product data:

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| 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 |