

Product datasheet for **AM05208PU-N**

CD11b (ITGAM) Mouse Monoclonal Antibody [Clone ID: F6.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F6.2
Applications:	FC
Recommended Dilution:	Flow Cytometry. Monitoring of subsets in peripheral blood. Characterization of leukemias and lymphomas. Analysis of CTL-mediated cytotoxicity. Studies of transplantation rejection. Functional studies of cell adhesion molecules.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Formulation:	PBS containing 0.08% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Protein A/G Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha M
Database Link:	Entrez Gene 3684 Human P11215



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- Background:** (Mac-1), CD11b/CD18 complex is a leukocyte adhesion receptor to intercellular adhesion molecules (ICAM's). CR3 alpha chain (M.W. 165,000) is on virtually all peripheral blood neutrophils, eosinophils, monocytes and approximately 30% of peripheral blood lymphocytes.
- Synonyms:** ITGAM, CR3A, CR-3 alpha chain, Integrin alpha-M, MAC1
- Note:** Protocol: **PBMC:**
Add 10 ul of MAB/10e6 PBMC in 100 ul PBS.
Mix gently and incubate for 15 minutes at 2-8°C.
Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.
- WHOLE BLOOD:**
Add 10 ul of MAB/100 ul of whole blood.
Mix gently and incubate for 15 minutes at room temperature (20°C).
Lyse the whole blood.
Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.
See instrument manufacturers instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.