

## Product datasheet for **AM05208BT-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	F6.2
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry.</b> 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:	Sterile filtered PBS containing 0.2% protein carrier and 0.08% Sodium Azide as preservative Label: Biotin State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Protein A/G Chromatography
Conjugation:	Biotin
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha M
Database Link:	<a href="#">Entrez Gene 3684 Human P11215</a>



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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.