



ITGAM Monoclonal Antibody, PE Conjugated

Product Code	CSB-MA056993
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA, IF, FC; Recommended dilution: IF: 1:100-1:200
Relevance	4AM216 reacts with CD11b, a member of the integrin α chain family with 165 kDa MW. which is expressed on NK cells, monocytes, granulocytes and subsets of T and B cells. It associates with CD18 to form CD11b/CD18 complex. The cellular function of CD11b is on neutrophil and monocyte interactions with stimulated endothelium; Phagocytosis of iC3b or IgG coated particles as a receptor; Chemotaxis and apoptosis. * CD11b is absent in Leukocyte Adhesion Deficiency (LAD-1) patients who have major problems with bacterial infections. This clone is cross reactive with non-human primate. 1. Ling NR et al., eds. (1987) Leucocyte Typing III : White Cell Differentiation Antigens, Oxford University Press, New York. 303-334 2. Petty HR and Todd RF. (1996) Immunol. Today 17:209 3. Springer TA (1994) Cell 76:301 4. Stewart M et al (1995) Curr Opin Cell Biol 7:690
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Accession NO.	4AM216