



# ITGAM Monoclonal Antibody, PE Conjugated

<b>Product Code</b>	CSB-MA056993
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA,IF,FC;Recommended dilution:IF:1:100-1:200
<b>Relevance</b>	<p>4AM216 reacts with CD11b, a member of the integrin <math>\alpha</math> 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.</p> <p>* CD11b is absent in Leukocyte Adhesion Deficiency (LAD-1) patients who have major problems with bacterial infections.</p> <p>This clone is cross reactive with non-human primate.</p> <ol style="list-style-type: none"><li>1. Ling NR et al., eds. (1987) Leucocyte Typing III : White Cell Differentiation Antigens, Oxford University Press, New York. 303-334</li><li>2. Petty HR nd Todd RF. (1996) Immunol. Today 17:209</li><li>3. Springer TA (1994) Cell 76:301</li><li>4. Stewart M et al (1995) Curr Opin Cell Biol 7:690</li></ol>
<b>Form</b>	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	20D2
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.