



# 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 and 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>           | 4AM216  |