



# ITGAL Monoclonal Antibody, FITC Conjugated

<b>Product Code</b>	CSB-MA120024
<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>4A122 reacts with CD11a, a 180 kDa molecule. CD11a is the a chain of the leukocyte function associated antigen-1 (LFA-1a), and is expressed on all leukocytes including T and B cells, monocytes, and granulocytes, but is absent on non-hematopoietic tissue and human platelets. CD11/CD18 (LFA-1), a member of the integrin subfamily, is a leukocyte adhesion receptor that is essential for cell-to-cell contact, such as lymphocyte adhesion, NK and T-cell cytolysis, and T-cell proliferation. CD11/CD18 is also involved in the interaction of leucocytes with endothelium.</p> <p>*CD11a antibody has been used to reduces graft failure for bone marrow grafts in immunodeficient children. This clone is cross reactive with non-human primate.</p> <ol style="list-style-type: none"><li>Schlossman. S et al. (1995) Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.</li><li>Lub M et al. (1995) Immunol. Today 16:479.</li><li>Sanchez-Mateos P et al. (1996) Cancer Biol. 7:99.</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>	1H9
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.