

## ITGAL

### Mouse Anti-Human Integrin alpha L/CD11A Clone 87-6F9 mAb

<b>Catalog No.</b>	MON1025	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	CD11A, LFA-1, LFA1A, LFA-1 alpha, antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide, integrin alpha L, integrin gene promoter, lymphocyte function-associated antigen 1		
<b>Concentration:</b>	100 ug/ml.		
<b>Gene ID:</b>	3683		
<b>Specificity:</b>	<p>The antibody is expressed on lymphocytes, granulocytes, monocytes and macrophages with increase in levels on memory T cells. CD11a or LFA-1 has a key role in mediating leukocyte adhesion to endothelium during inflammatory responses through binding to ICAM-1 (CD54). Other ligands are ICAM-2 and ICAM-3. It is also involved in many T cell functions and immune phenomena.</p> <p>Mol. weight in SDS gels is about 180 kDa. Part of heterodimer with CD18 (integrin β-2). A defect in β-2 expression results in leucocytes adhesion deficiency (LAD) in which patients suffer from recurring bacterial infections. Source: A BALB/c mouse was immunized and SP2/0 cells were used for fusion with splenocytes.</p>		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG2b		
<b>Clone:</b>	87-6F9		
<b>Formulation:</b>	100 µg purified material in PBS with 0.05% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Applications:</b>	Monoclonal Antibodies are used for prevention of graft-versus-host disease. Also used to determine LFA-1 immunodeficiency.		
<b>Application Notes:</b>	The antibody can be used in flow cytometry and immunohistochemistry on frozen sections		
<b>Storage &amp; Stability:</b>	Store antibody at 2-8°C until expiration date.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

