

ITGAL

Mouse Anti-Human CD11a / LFA-1 alpha (Clone 87-6F9) mAb

Catalog No.	MON1025	Quantity:	100 µg
Alternate Names:	Integrin alpha-L, CD11 antigen-like family member A, Leukocyte adhesion glycoprotein LFA-1 alpha chain, LFA-1A, Leukocyte function-associated molecule 1 alpha chain, CD11a		
Description:	MON1025 reacts with CD11a, a transmembrane molecule with 1145 amino acid residues and a MW of 180 kDa. CD11a is expressed on lymphocytes, granulocytes, monocytes and macrophages. Levels on memory T-cells tend to increase. CD11a plays a key role in mediating leukocyte adhesion to endothelium during inflammatory response through binding to ICAM 1 (CD54). Other ligands are ICAM-2 and ICAM-3. It is also involved in many other T-cell functions and immune phenomena. When paired with CD18, it forms the integrin alphaLbeta2 adhesion.		
UniProt ID:	P20701		
Gene ID:	3683		
Specificity:	Human CD11a		
Host:	Mouse		
Isotype:	IgG2bk		
Clone:	87-6F9		
Concentration:	0.1 mg/ml		
Formulation:	Purified antibody in PBS with 0.02% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Flow cytometry: suggested concentration 0.5-1.0 µg/10 ⁶ cells in 0.1 ml IHC-F: suggested concentration 1-2 µg/ml for 30 min at RT Immunofluorescence: suggested concentration 1.0-2.0 µg/ml Functional Studies: 0.02-2.0 µg/ml, no azide		
Storage & Stability:	Store antibody at 2-8°C until expiration date.		

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



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