

Product datasheet for **AM32398PU-N**

CD11a (ITGAL) Mouse Monoclonal Antibody [Clone ID: 87-6F9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	87-6F9
Applications:	IHC
Recommended Dilution:	Flow Cytometry. Immunohistochemistry on frozen section.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	A BALB/c mouse was immunized and SP2/0 cells were used for fusion with splenocytes.
Specificity:	This antibody reacts to CD11a.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha L
Database Link:	Entrez Gene 3683 Human P20701



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Background:

CD11a 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. Mol. weight in SDS gels is about 180 kD. Part of heterodimer with CD18 (integrin beta-2). A defect in beta-2 expression results in leucocytes adhesion deficiency (LAD) in which patients suffer from recurring bacterial infections.

Synonyms:

Integrin alpha-L, LFA1, LFA-1