

ALCAM monoclonal antibody, clone 3A6

Catalog # MAB6890 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against ALCAM.
Immunogen	Native from human thymic epithelial cells.
Host	Mouse
Reactivity	Human
Specificity	This antibody blocks binding of CD6 to CD166.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate)
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

Gene Info — ALCAM

Entrez GeneID [214](#)

Gene Name	ALCAM
Gene Alias	CD166, FLJ38514, MEMD, MGC71733
Gene Description	activated leukocyte cell adhesion molecule
Omim ID	601662
Gene Ontology	Hyperlink
Other Designations	activated leucocyte cell adhesion molecule

Publication Reference

- [Mesenchymal stem cell-natural killer cell interactions: evidence that activated NK cells are capable of killing MSCs, whereas MSCs can inhibit IL-2-induced NK-cell proliferation.](#)

Spaggiari GM, Capobianco A, Becchetti S, Mingari MC, Moretta L.
Blood 2006 Feb; 107(4):1484.

Application: Flow Cyt, Human, Human mesenchymal stem cells
- [The amino-terminal immunoglobulin-like domain of activated leukocyte cell adhesion molecule binds specifically to the membrane-proximal scavenger receptor cysteine-rich domain of CD6 with a 1:1 stoichiometry.](#)

Bowen MA, Bajorath J, Siadak AW, Modrell B, Malacko AR, Marquardt H, Nadler SG, Aruffo A.
The Journal of Biological Chemistry 1996 Jul; 271(29):17390.

Application: ELISA, Flow Cyt, Human, Monkey, COS cells, HPB-ALL cells, Recombinant proteins
- [Cloning, mapping, and characterization of activated leukocyte-cell adhesion molecule \(ALCAM\), a CD6 ligand.](#)

Bowen MA, Patel DD, Li X, Modrell B, Malacko AR, Wang WC, Marquardt H, Neubauer M, Pesando JM, Francke U, et al..
The Journal of Experimental Medicine 1995 Jun; 181(6):2213.

Application: Flow Cyt, Human, Monkey, COS cells, PBMCs, T cells

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cadaver](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)