

Product Name: ALCAM Mouse Monoclonal Antibody**Catalog #: AMM81163**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	65.1kDa

Antigen Information

Gene Name	ALCAM
Alternative Names	MEMD; CD166; FLJ38514; MGC71733
Gene ID	214.0
SwissProt ID	Q13740
Immunogen	Purified recombinant fragment of human ALCAM (AA: 405-524) expressed in E. Coli.

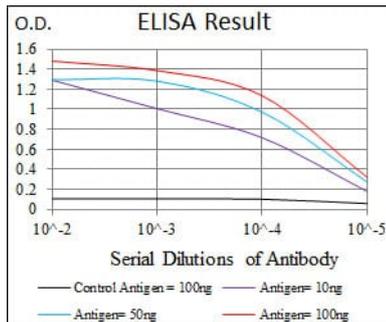
Background

This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation 166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigene CD6, and is implicated in the processes of cell

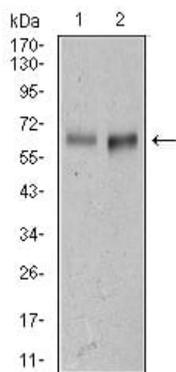
adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found.

Research Area

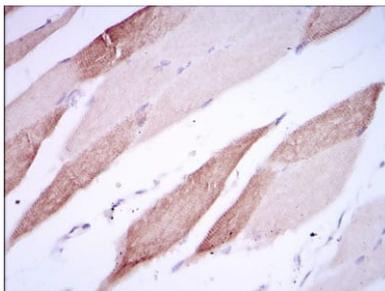
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using AICAM mouse mAb against L1210 (1) cell lysate, and Mouse spleen (2) tissue lysate.



Immunohistochemical analysis of paraffin-embedded human striated muscle tissues using AICAM mouse mAb with DAB staining.