

AICAM Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2089
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human AICAM (AA: 405-524) expressed in E. Coli.
Mol wt	65.1kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC
Concentration	N/A
Full name	N/A
Synonyms	MEMD;CD166;FLJ38514;MGC71733

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

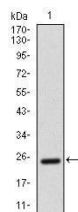
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

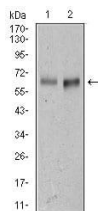
ELISA: 1:10000

Not yet tested in other applications.

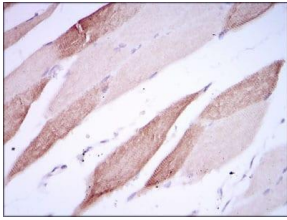
Images



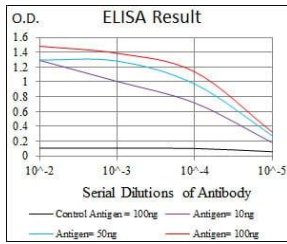
Western blot analysis using AICAM mAb against human AICAM recombinant protein. (Expected MW is 26.3 kDa)



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



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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