

Product Information

Recombinant Anti-Human alcam Antibody

Cat. No.: **MOM-18268**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human ALCAM, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Cell adhesion molecule that binds to CD6. Involved in neurite extension by neurons via heterophilic and homophilic interactions. May play a role in the binding of T- and B-cells to activated leukocytes, as well as in interactions between cells of the nervous system.

Specific Activity

Tested positive against native antigen.

Target

ALCAM

Immunogen

Purified recombinant fragment of Human CD166 (aa405-524) expressed in E. Coli.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in IP, IF, FuncS, FC, Neut, ELISA, ICC and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[ALCAM activated leukocyte cell adhesion molecule \[Homo sapiens \]](#)

Official Symbol

ALCAM

Synonyms

ALCAM; activated leukocyte cell adhesion molecule; activated leucocyte cell adhesion molecule; CD166 antigen; CD166; MEMD; FLJ38514; MGC71733

Gene ID

[214](#)

mRNA Refseq

[NM_001243280](#)

Protein Refseq

[NP_001230209](#)

MIM

[601662](#)

UniProt ID

Q13740

Chromosome Location

3q13.1

Pathway

Axon guidance, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Developmental Biology, organism-specific biosystem; L1CAM interactions, organism-specific biosystem;

Function

receptor binding;