

Product Information

MemDX™ Antibody Discovery - Human ALCAM (28-526) Membrane Protein, Partial, -His tag

Cat. No.: **MP0918F**

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

This membrane protein is Human ALCAM (28-526). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

ALCAM

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 57.8 kDa. As a result of glycosylation, the protein migrates as 70-100 kDa under reducing (R) condition, and 66-100 kDa under non-reducing (NR) condition (SDS-PAGE).

Sequence

AA Trp 28 - Ala 526 (Accession # Q13740-1).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target**Target Protein**

ALCAM

Full Name

activated leukocyte cell adhesion molecule

Introduction

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 antigen CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found.

Alternative Names

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

Gene ID

[214](#)

UniProt ID

[Q13740](#)