SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Antibody Discovery - Human ALCAM (28-526) Membrane Protein, Partial, -hIgG1 Fc tag

Cat. No.: **MP0917F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human ALCAM (19-317). 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 82.6 kDa. The protein migrates as 95-116 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Trp 28 - Ala 526 (Accession # NP_001618).

Product Description

Application
SDS-PAGE

Expression Systems
HEK293

Tag
Human IgG1 Fc 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 Tris with Glycine, Arginine and NaCl, pH7.5. 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 coditions 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 antigene 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