

Product Information

MemDX™ Antibody Discovery - Human CD229 / SLAMF3 (48-454) Membrane Protein, Partial, -His tag

Cat. No.: **MP1082F**

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

This membrane protein is Human CD229 / SLAMF3 (48-454). 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

CD229 / SLAMF3

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 46.7 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Lys 48 - Lys 454 (Accession # Q9HBG7-1).

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

>90% 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**

CD229 / SLAMF3

Full Name

lymphocyte antigen 9

Introduction

LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).

Alternative Names

hly9; mLY9; CD229; SLAMF3; T-lymphocyte surface antigen Ly-9; SLAM family member 3; cell surface molecule Ly-9; signaling lymphocytic activation molecule 3

Gene ID

[4063](#)

UniProt ID

[Q9HBG7](#)