

# Product Information

## **MemDX™ Antibody Discovery - Human CD229 / SLAMF3 (48-454) Membrane Protein, Partial, -His -Avi tag, [Biotin]**

Cat. No.: **MP1081F**

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 48.5 kDa. The protein migrates as 60-70 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, followed by an Avi tag

#### Protein Format

Soluble

#### Form

LYOPH

#### Reconstitution

Please see Certificate of Analysis for specific instructions.

### **Conjugation**

Biotin

### **Buffer**

Please contact us for detailed information. Contact us for customized product form or formulation.

### **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](#)