

# Product Information

## **MemDX™ Membrane Protein Human LY9 (Lymphocyte antigen 9) expressed in Sf9 for**

### **Antibody Discovery**

Cat. No.: **MP0086Q**

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

This product is a 45 kDa Human LY9 membrane protein expressed in Sf9. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### **Product Specifications**

#### **Host Species**

Human

#### **Target Protein**

LY9

#### **Protein Length**

Partial

#### **Protein Class**

Transmembrane

#### **Molecular Weight**

45 kDa

#### **TMD**

1

#### **Sequence**

MVAPKSHTDWAPGPFSSKPQRSQLQIFSSVLQTSLLFLLMGLRASGKDSAPT VVSGILGGSVTLP LNISVDTEIENVIWIGPKNALA

### **Product Description**

#### **Expression Systems**

Sf9

#### **Tag**

C-DDK

#### **Form**

Powder

#### **Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

LY9

**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)

**Alternative Names**

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

**Gene ID**

[4063](#)

**UniProt ID**

[Q9H](#)

.

[BG7](#)