

Product Information

MemDX™ Antibody Discovery - Mouse LAG-3 / CD223 (24-442) Membrane Protein, Partial, -

His tag

Cat. No.: **MP0562F**

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

This membrane protein is Mouse LAG-3 / CD223 (24-442). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Mouse

Target Protein

LAG-3 / CD223

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 47.1 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Gly 24 - Leu 442 (Accession # Q61790).

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**

LAG-3 / CD223

Full Name

lymphocyte-activation gene 3

Introduction

Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4.

Alternative Names

LAG; Ly6; Ly66; CD223; LAG-3; lymphocyte activation gene 3 protein; activation-induced cytidine deaminase-linked autoimmunity protein; aida

Gene ID

[16768](#)

UniProt ID

[Q61790](#)