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Product Information

MemDX™ Antibody Discovery - Human LAG-3 / CD223 (23-450) Membrane Protein, Partial, -mIgG1 Fc -Avi tag, [Biotin]

Cat. No.: **MP0556F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human LAG-3 / CD223 (23-450). It has been tested in SDS-PAGE, ELISA, FACS. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
LAG-3 / CD223

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 75.4 kDa. The protein migrates as 100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Leu 23 - Leu 450 (Accession # P18627-1).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA, FACS

Expression Systems
HEK293

Tag
Mouse IgG2a Fc tag at the C-terminus, followed by an Avi tag

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

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

LAG-3 / CD223

Full Name

lymphocyte activating 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

CD223; lymphocyte activation gene 3 protein; lymphocyte-activation gene 3

Gene ID

3902

UniProt ID

P18627