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Product Information

MemDX™ Antibody Discovery - Human CLEC12A / MICL / CLL-1 (65-265) Membrane Protein, Partial, His- tag, [FITC]

Cat. No.: **MP1063F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human CLEC12A / MICL / CLL-1 (65-265). It has been tested in SDS-PAGE, FACS. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
CLEC12A / MICL / CLL-1

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 25.6 kDa. The protein migrates as 35-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA His 65 - Ala 265 (Accession # Q5QGZ9-2).

Product Description

Activity
Yes

Application
SDS-PAGE, FACS

Expression Systems
HEK293

Tag
His tag at the N-terminus

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

FITC

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 coditions after reconstitution after storage at -80°C.

Target

Target Protein

CLEC12A / MICL / CLL-1

Full Name

C-type lectin domain family 12 member A

Introduction

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. The protein encoded by this gene is a negative regulator of granulocyte and monocyte function. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. This gene is closely linked to other CTL/CTLD superfamily members in the natural killer gene complex region on chromosome 12p13.

Alternative Names

CLL1; MICL; CD371; CLL-1; DCAL-2; C-type lectin domain family 12 member A; C-type lectin protein CLL-1; C-type lectin-like molecule-1; dendritic cell-associated lectin 2; myeloid inhibitory C-type lectin-like receptor

Gene ID

160364

UniProt ID

Q5QGZ9