

Product Information

MemDX™ Antibody Discovery - Human ROR1 (30-403) Membrane Protein, Partial, -hIgG1 Fc tag, [FITC]

Cat. No.: **MP0814F**

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

This membrane protein is Human ROR1 (24-406). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

ROR1

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 68.6 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Gln 30 - Glu 403 (Accession # Q01973-1)

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

Human IgG1 Fc 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

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

Please protect from light and avoid repeated freeze-thaw cycles.

The product must be protected from light;

2-8 ° C for 12 months in liquid state.

Target**Target Protein**

ROR1

Full Name

receptor tyrosine kinase like orphan receptor 1

Introduction

This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

NTRKR1; dJ537F10.1; inactive tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase, receptor-related 1

Gene ID

[4919](#)

UniProt ID

[Q01973](#)