SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Mouse Tnfrsf14 (Tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)) for Antibody Discovery

Cat. No.: **MP1496J**
This product is for research use only and is not intended for diagnostic use.

This product is a 45.6 kDa Mouse Tnfrsf14 membrane protein expressed in Mammalian cell. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Mouse

Target Protein
Tnfrsf14

Protein Length
Partial (39-207aa)

Protein Class
Immune Checkpoints

Molecular Weight
45.6 kDa

TMD
1

Sequence
QPSCRQEEFLVGDECCPMCNPGYHVKQVCSEHTGTVCAPCPPQTYTAHANGLSKCLPCGVCDPDMGLLTWQECSSWKDTVCRG

Product Description

Activity
Yes

Expression Systems
Mammalian cell

Tag
C-hFc

Form

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Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration).

Endotoxin

<1.0 EU/μg

Purity

>95% as determined by SDS-PAGE

Buffer

0.2 μm filtered 20 mM PB, 150 mM NaCl, pH 7.4

Storage

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

Target

Target Protein

Tnfrsf14

Full Name

Tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)

Introduction

Receptor for four distinct ligands: The TNF superfamily members TNFSF14/LIGHT and homotrimeric LTA/lymphotoxin-alpha and the immunoglobulin superfamily members BTLA and CD160, altogether defining a complex stimulatory and inhibitory signaling network. Signals via the TRAF2-TRAF3 E3 ligase pathway to promote immune cell survival and differentiation. Participates in bidirectional cell-cell contact signaling between antigen presenting cells and lymphocytes. In response to ligation of TNFSF14/LIGHT, delivers costimulatory signals to T cells, promoting cell proliferation and effector functions. Interacts with CD160 on NK cells, enhancing IFNG production and anti-tumor immune response.

Alternative Names

A; Hv; Hve; TR2; Atar; HveA; Hvem; Tnfrs14; hvem; Tumor necrosis factor receptor superfamily member 14; Herpes virus entry mediator A; Herpesvirus entry mediator A; Tumor necrosis factor receptor-like 2; CD antigen CD270

Gene ID

230979

UniProt ID

Q80WM9

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