

# Product Information

## **MemDX™ Antibody Discovery - Human OX40 / TNFRSF4 / CD134 (29-216) Membrane**

### **Protein, Partial, -hlgG1 Fc tag**

Cat. No.: **MP0752F**

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

This membrane protein is Human OX40 / TNFRSF4 / CD134 (29-216). 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**

OX40 / TNFRSF4 / CD134

#### **Protein Length**

ECD

#### **Molecular Weight**

The protein has a calculated MW of 46.8 kDa. The protein migrates as 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### **Sequence**

AA Leu 29 - Ala 216 (Accession # NP\_003318).

### **Product Description**

#### **Activity**

Yes

#### **Application**

SDS-PAGE, ELISA, FACS

#### **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

### Purity

>90% 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 conditions after reconstitution after storage at -80°C.

## Target

### Target Protein

OX40 / TNFRSF4 / CD134

### Full Name

TNF receptor superfamily member 4

### Introduction

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.

### Alternative Names

OX40; ACT35; CD134; IMD16; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 antigen; OX40 cell surface antigen; OX40 homologue; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor; lymphoid activation antigen ACT35; tax-transcriptionally activated glycoprotein 1 receptor

### Gene ID

[7293](#)

### UniProt ID

[P43489](#)