

# Product Information

## **MemDX™ Antibody Discovery - Human BAFF / TNFSF13B / CD257 (134-285) Membrane**

### **Protein, Partial, hIgG1 Fc- tag, [FITC]**

Cat. No.: **MP0979F**

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

This membrane protein is Human BAFF / TNFSF13B / CD257 (134-285). 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**

BAFF / TNFSF13B / CD257

#### **Protein Length**

ECD

#### **Molecular Weight**

The protein has a calculated MW of 44.0 kDa. The protein migrates as 55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### **Sequence**

AA Ala 134 - Leu 285 (Accession # AAH20674.1).

### **Product Description**

#### **Activity**

Yes

#### **Application**

SDS-PAGE, ELISA

#### **Expression Systems**

HEK293

#### **Tag**

Human IgG1 Fc 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

>95% 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 conditions after reconstitution after storage at -80°C.

## Target

### Target Protein

BAFF / TNFSF13B / CD257

### Full Name

TNF superfamily member 13b

### Introduction

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

### Alternative Names

DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNLG7A; TNFSF20; tumor necrosis factor ligand superfamily member 13B; ApoL related ligand TALL-1; B-cell-activating factor; B-lymphocyte stimulator; Delta4 BAFF; TNF and ApoL-related leukocyte expressed ligand 1; TNF homolog that activates apoptosis; delta BAFF; dendritic cell-derived TNF-like molecule; epididymis secretory sperm binding protein; tumor necrosis factor (ligand) superfamily, member 13b; tumor necrosis factor (ligand) superfamily, member 20; tumor necrosis factor ligand 7A; tumor necrosis factor superfamily member 13b; tumor necrosis factor-like protein ZTNF4

### Gene ID

[10673](#)

### UniProt ID

[Q9Y275](#)