

Product Information

MemDX™ Antibody Discovery - Human BCMA / TNFRSF17 (1-54) Membrane Protein, Partial, -hIgG1 Fc tag, [FITC]

Cat. No.: **MP0995F**

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

This membrane protein is Human BCMA / TNFRSF17 (1-54). 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

BCMA / TNFRSF17

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 32.0 kDa. As a result of glycosylation, the protein migrates as 35-44 kDa under reducing (R) condition, and 60-75 kDa under non-reducing (NR) condition (SDS-PAGE).

Sequence

AA Met 1 - Ala 54 (Accession # Q02223-1).

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

>92% 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

BCMA / TNFRSF17

Full Name

TNF receptor superfamily member 17

Introduction

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.

Alternative Names

BCM; BCMA; CD269; TNFRSF13A; tumor necrosis factor receptor superfamily member 17; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein

Gene ID

[608](#)

UniProt ID

[Q02223](#)