

Product Information

Magic™ Antibody Discovery - Mouse BAFF / TNFSF13B / CD257 (127-309) Membrane

Protein, Partial, mIgG2a Fc- tag, low endotoxin

Cat. No.: **MP0976F**

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

This membrane protein is Mouse BAFF / TNFSF13B / CD257 (127-309). 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

Mouse

Target Protein

BAFF / TNFSF13B / CD257

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 47.7 kDa. The protein migrates as 50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Ala 127 - Leu 309 (Accession # Q9WU72-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

Mouse IgG2a 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

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 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

BAFF / TNFSF13B / CD257

Full Name

tumor necrosis factor (ligand) superfamily, member 13b

Introduction

Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.

Alternative Names

BL; BAF; TAL; BAFF; BLyS; zTNF; TALL1; THANK; zTNF4; TALL-1; Tnlg7a; TNFSF20; D8Ert387; D8Ert387e; tumor necrosis factor ligand superfamily member 13B; b cell-activating factor; tumor necrosis factor ligand 7a

Gene ID

[24099](#)

UniProt ID

[Q9WU72](#)