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Product Information

Recombinant Anti-Human TNFSF13B Antibody Fab Fragment

Cat. No.: **MOM-18030-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Human Antibody Fab Fragment is specific to Human BLyS, expressed in Chinese Hamster Ovary cells(CHO cells)

Antigen Description

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.

Specific Activity

Tested positive against native antigen.

Target

BLyS

Immunogen

The details of the immunogen for this antibody are not available.

Source

Human

Species Reactivity

Human

Type

Fab Fragment based on Human IgG1 - lambda

Expression Host

CHO

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Keywords

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ANTIGEN GENE INFOMATION

Gene Name

TNFSF13B tumor necrosis factor (ligand) superfamily, member 13b [Homo sapiens]

Official Symbol

TNFSF13B

Synonyms

TNFSF13B; tumor necrosis factor (ligand) superfamily, member 13b; TNFSF20; tumor necrosis factor ligand superfamily member 13B; BAFF; BLYS; CD257; TALL 1; TALL1; THANK; delta BAFF; Delta4 BAFF; B-lymphocyte stimulator; B-cell-activating factor; ApoL related ligand TALL-1; TNF homolog that activates apoptosis; dendritic cell-derived TNF-like molecule; tumor necrosis factor-like protein ZTNF4; TNF and ApoL-related leukocyte expressed ligand 1; tumor necrosis factor (ligand) superfamily, member 20; DTL; ZTNF4; TALL-1;

Gene ID

10673

mRNA Refseq

NM_001145645

Protein Refseq

NP_001139117

MIM

603969

UniProt ID

Q9Y275

Chromosome Location

13q32-q34

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem;

Function

cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding;

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