

Product Information

Recombinant Anti-Human TNFSF12 Antibody Fab Fragment

Cat. No.: **MOM-18178-F(E)**

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

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment specifically binds to Human TWEAK receptor, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Receptor for TNFSF12/TWEAK. Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins.

Specific Activity

Tested positive against native antigen.

Target

TWEAK receptor

Immunogen

Human Fn14 transfected P815.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Fab Fragment based on Humanized (from mouse) IgG1 - kappa

Expression Host

CHO

Predicted N terminal

H chain: EVQLVES; L Chain: DIQMTQS

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

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

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFORMATION

Gene Name

[TNFSF12 tumor necrosis factor \(ligand\) superfamily, member 12 \[Homo sapiens \]](#)

Official Symbol

TNFSF12

Synonyms

TNFSF12; tumor necrosis factor (ligand) superfamily, member 12; tumor necrosis factor ligand superfamily member 12; APO3L; DR3LG; TWEAK; APO3 ligand; APO3/DR3 ligand; TNF-related WEAK inducer of apoptosis; MGC20669; MGC129581;

Gene ID

[8742](#)

mRNA Refseq

[NM_003809](#)

Protein Refseq

[NP_003800](#)

MIM

[602695](#)

UniProt ID

O43508

Chromosome Location

17p13.1

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Gene Expression, organism-specific biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem; Stabilization of mRNA by HuR, organism-specific biosystem;

Function

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