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Product Information

Recombinant Anti-Human TNFSF12 Antibody

Cat. No.: **MOM-18178**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody binds selectively 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

Humanized (from mouse) IgG1 - kappa

Expression Host

CHO

Predicted N terminal

H chain: EVQLVES; L Chain: DIQMTQS

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in Neut, ELISA and most other immunological methods.

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFOMATION

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;

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