

Product Information

Recombinant Anti-Human TNFRSF10B Antibody scFv Fragment

Cat. No.: **MOM-18195-S(P)**

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

Product Overview

Recombinant Human Antibody scFv Fragment is directed against Human TRAIL-R2, expressed in E. coli

Antigen Description

Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B.

Target

TRAIL-R2

Immunogen

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

Source

Human

Species Reactivity

Human

Type

scFv Fragment from Human IgG1 - lambda

Expression Host

E. coli

Purity

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

Applications

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

Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

ANTIGEN GENE INFORMATION

Gene Name

[TNFRSF10B tumor necrosis factor receptor superfamily member 10b \[Homo sapiens \]](#)

Official Symbol

TNFRSF10B

Synonyms

TNFRSF10B; tumor necrosis factor receptor superfamily, member 10b; tumor necrosis factor receptor superfamily member 10B; CD262; DR5; KILLER; TRAIL R2; TRICK2A; TRICKB; Fas-like protein; death receptor 5; cytotoxic TRAIL receptor-2; apoptosis inducing receptor TRAIL-R2; apoptosis inducing protein TRICK2A/2B; TNF-related apoptosis-inducing ligand receptor 2; death domain containing receptor for TRAIL/Apo-2L; tumor necrosis factor receptor-like protein ZTNFR9; p53-regulated DNA damage-inducible cell death receptor(killer); TRICK2; ZTNFR9; TRAILR2; TRICK2B; TRAIL-R2; KILLER/DR5;

Gene ID

[8795](#)

mRNA Refseq

[NM_003842](#)

Protein Refseq

[NP_003833](#)

MIM

[603612](#)

UniProt ID

O14763

Chromosome Location

8p22-p21

Pathway

Activation of Pro-Caspase 8, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Caspase-8 is formed from procaspase-8, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem;

Function

TRAIL binding; protein binding; receptor activity;