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Product Information

Recombinant Anti-Human tnfrsf1a Antibody scFv Fragment

Cat. No.: **MOM-18510-S(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody scFv Fragment is bind to Human TNFRSF1A, expressed in E. coli

Antigen Description

Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. 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. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

Specific Activity

Tested positive against native antigen.

Target

TNFRSF1A

Source

Mouse

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

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

Applications

Suitable for use in ELISA, WB, Neut 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

TNFRSF1A tumor necrosis factor receptor superfamily, member 1A [Homo sapiens]

Official Symbol

TNFRSF1A

Synonyms

TNFRSF1A; tumor necrosis factor receptor superfamily, member 1A; TNFR1; tumor necrosis factor receptor superfamily member 1A; CD120a; TNF R; TNF R I; TNF R55; TNFAR; TNFR60; TNF-R1; TNF-RI; TNFR-I; tumor necrosis factor-alpha receptor; tumor necrosis factor receptor type 1; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1A isoform beta; FPF; p55; p60; TBP1; TNF-R; p55-R; TNFR55; TNF-R-I; TNF-R55; MGC19588

Gene ID

7132

mRNA Refseq

NM_001065

Protein Refseq

NP_001056

MIM

191190

UniProt ID

P19438

Chromosome Location

12p13.2

Pathway

Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem;

Function

protease binding; protein binding; receptor activity; tumor necrosis factor binding; tumor necrosis factor-activated receptor activity;

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