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Product Information

Recombinant Anti-Human TNFRSF9 Antibody

Cat. No.: **MOM-18179**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Human Antibody is against Human 4-1BB, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.

Target

4-1BB

Immunogen

Ectodomain of human 4-1BB recombinant protein.

Source

Human

Species Reactivity

Human

Type

Human IgG4 - kappa

Expression Host

CHO

Predicted N terminal

H chain: QVQLQQW; L Chain: EIVLTQS

Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

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

Storage

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

ANTIGEN GENE INFOMATION

Gene Name

TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [Homo sapiens]

Official Symbol

TNFRSF9

Synonyms

TNFRSF9; tumor necrosis factor receptor superfamily, member 9; ILA; tumor necrosis factor receptor superfamily member 9; 4 1BB; CD137; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interleukin-activated receptor, homolog of mouse Ly63; 4-1BB; CDw137; MGC2172; FLJ43501;

Gene ID

3604

mRNA Refseq

NM_001561

Protein Refseq

NP_001552

MIM

602250

UniProt ID

Q07011

Chromosome Location

1p36

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;

Function

binding; receptor activity;

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