

Product Information

Recombinant Anti-Human CD40 Antibody

Cat. No.: **MOM-18262**

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

Product Overview

Recombinant Chimeric (mouse/human) Antibody binds selectively to Human CD40, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Receptor for TNFSF5/CD40LG.

Specific Activity

Tested positive against native antigen.

Target

CD40

Immunogen

Recombinant protein of extracellular domain of CD40.

Source

Chimeric (mouse/human)

Species Reactivity

Human

Type

Chimeric (mouse/human) IgG1

Expression Host

CHO

Purity

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

Applications

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

Storage

At -20°C for one year.

ANTIGEN GENE INFORMATION

Gene Name

[CD40 CD40 molecule, TNF receptor superfamily member 5 \[Homo sapiens \]](#)

Official Symbol

CD40

Synonyms

CD40; CD40 molecule, TNF receptor superfamily member 5; TNFRSF5, tumor necrosis factor receptor superfamily, member 5; tumor necrosis factor receptor superfamily member 5; Bp50; p50; CD40L receptor; CD40 type II isoform; B cell-associated molecule; B cell surface antigen CD40; B-cell surface antigen CD40; CD40 antigen (TNF receptor superfamily member 5); tumor necrosis factor receptor superfamily, member 5; nerve growth factor receptor-related B-lymphocyte activation molecule; CDW40; TNFRSF5; MGC9013;

Gene ID

[958](#)

mRNA Refseq

[NM_001250](#)

Protein Refseq

[NP_001241](#)

MIM

[109535](#)

UniProt ID

P25942

Chromosome Location

20q12-q13.2

Pathway

Adaptive Immune System, organism-specific biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem;

Function

enzyme binding; protein binding; receptor activity; signal transducer activity;