

Product Information

Recombinant Anti-Human cd48 Antibody

Cat. No.: **MOM-18316**

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

Product Overview

Recombinant Mouse Antibody is specific to Human CD48, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Ligand for CD2. Might facilitate interaction between activated lymphocytes. Probably involved in regulating T-cell activation.

Specific Activity

Tested positive against native antigen.

Target

CD48

Immunogen

Burkitt's lymphoma cell line Raji.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

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

Storage

At -20°C for one year.

ANTIGEN GENE INFORMATION

Gene Name

[CD48 CD48 molecule \[Homo sapiens \]](#)

Official Symbol

CD48

Synonyms

CD48; CD48 molecule; BCM1, CD48 antigen (B cell membrane protein) , CD48 molecule; CD48 antigen; BLAST; hCD48; mCD48; SLAMF2; TCT.1; BCM1 surface antigen; leukocyte antigen MEM-102; B-lymphocyte activation marker BLAST-1; CD48 antigen (B-cell membrane protein); BCM1; BLAST1; MEM-102

Gene ID

[962](#)

mRNA Refseq

[NM_001256030](#)

Protein Refseq

[NP_001242959](#)

MIM

[109530](#)

UniProt ID

P09326

Chromosome Location

1q21.3-q22

Pathway

Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;

Function

antigen binding; eukaryotic cell surface binding; protein binding; receptor activity;