

# Product Information

## Recombinant Anti-Human cd48 Antibody scFv Fragment

Cat. No.: **MOM-18316-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 CD48, expressed in E. coli

### 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

scFv

### 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 at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

## 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;