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Product Information

Recombinant Anti-Human CD2 Antibody

Cat. No.: **MOM-18104**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from rat) Antibody is specific to Human CD2, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

Specific Activity

Tested positive against native antigen.

Target

CD2

Immunogen

Human CD2 recombinant protein

Source

Humanized (from rat)

Species Reactivity

Human

Type

Humanized (from rat) IgG1 - kappa

Expression Host

CHO

Purity

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

Applications

Suitable for use in Neut, ELISA 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

CD2 CD2 molecule [Homo sapiens]

Official Symbol

CD2

Synonyms

CD2; CD2 molecule; CD2 antigen (p50), sheep red blood cell receptor , SRBC; T-cell surface antigen CD2; LFA-3 receptor; rosette receptor; erythrocyte receptor; lymphocyte-function antigen-2; T-cell surface antigen T11/Leu-5; CD2 antigen (p50), sheep red blood cell receptor; T11; SRBC; LFA-2; FLJ46032;

Gene ID

914

mRNA Refseq

NM_001767

Protein Refseq

NP_001758

MIM

186990

UniProt ID

P06729

Chromosome Location

1p13

Pathway

Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Hemostasis, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;

Function

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

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