

Product Information

Recombinant Anti-Human CD28 Single Domain Antibody

Cat. No.: **MOM-18721**

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

Antigen Description

Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.

Specific Activity

Tested positive against native human antigen.

Target

CD28

Immunogen

The details of the immunogen for this antibody are not available.

Source

Llama

Species Reactivity

Human

Type

Llama VHH

Expression Host

E.coli

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

Gene Name

[CD28 CD28 molecule \[Homo sapiens \]](#)

Official Symbol

CD28

Synonyms

CD28; CD28 molecule; CD28 antigen (Tp44); T-cell-specific surface glycoprotein CD28; T cell specific surface glycoprotein; CD28 antigen; Tp44; MGC138290

Gene ID

[940](#)

mRNA Refseq

[NM_001243077](#)

Protein Refseq

[NP_001230006](#)

MIM

[186760](#)

UniProt ID

P10747

Chromosome Location

2q33

Pathway

Adaptive Immune System, organism-specific biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem.

Function

SH3/SH2 adaptor activity; coreceptor activity; identical protein binding; protease binding; protein binding; protein homodimerization activity