

Product Information

Recombinant Anti-Human CTLA4 Single Domain Antibody

Cat. No.: **MOM-18722**

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

Antigen Description

Inhibitory receptor acting as a major negative regulator of T-cell responses. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28.

Specific Activity

Tested positive against native human antigen.

Target

CTLA4

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

At -20°C for one year.

ANTIGEN GENE INFORMATION

Gene Name

[CTLA4 cytotoxic T-lymphocyte-associated protein 4 \[Homo sapiens \]](#)

Official Symbol

CTLA4

Synonyms

CD; GSE; GRD4; ICOS; CD152; CTLA-4; IDDM12; CELIAC3; cytotoxic T-lymphocyte protein 4; CD152 isoform; celiac disease 3; cytotoxic T-lymphocyte antigen 4; cytotoxic T-lymphocyte-associated antigen 4; cytotoxic T-lymphocyte-associated serine esterase-4; cytotoxic T lymphocyte associated antigen 4 short spliced form; ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 4; Ipilimumab; Yervoy

Gene ID

[1493](#)

mRNA Refseq

[NM_005214.4](#)

Protein Refseq

[NP_005205.2](#)

MIM

[123890](#)

UniProt ID

P16410

Chromosome Location

2q33

Pathway

Adaptive Immune System; Autoimmune thyroid disease; CTLA4 inhibitory signaling; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Cell adhesion molecules (CAMs); Costimulation by the CD28 family; Immune System.

Function

Protein binding