

Product Information

Recombinant Anti-Human vtcn1 Antibody

Cat. No.: **MOM-18285**

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

Product Overview

Recombinant Mouse Antibody binds selectively to Human VTCN1, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed on the cell surface of tumor macrophages, plays an important role, together with regulatory T-cells (Treg), in the suppression of tumor-associated antigen-specific T-cell immunity. Involved in promoting epithelial cell transformation.

Specific Activity

Tested positive against native antigen.

Target

VTCN1

Immunogen

Human B7H4

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

Official Symbol

VTCN1

Synonyms

VTCN1; V-set domain containing T cell activation inhibitor 1; V-set domain-containing T-cell activation inhibitor 1; B7 family member; H4; B7 superfamily member 1; B7 H4; B7H4; B7S1; B7X; FLJ22418; B7 family member, H4; T cell costimulatory molecule B7x; T-cell costimulatory molecule B7x; immune costimulatory protein B7-H4; B7-H4; B7h.5; VCTN1; PRO1291; RP11-229A19.4

Gene ID

[79679](#)

mRNA Refseq

[NM_001253849](#)

Protein Refseq

[NP_001240778](#)

MIM

[608162](#)

UniProt ID

Q7Z7D3

Chromosome Location

1p12

Function

receptor binding;