

Anti-VTCN1 / B7-H4 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17926**Specification**

Anti-VTCN1 / B7-H4 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q7Z7D3
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	30878

Anti-VTCN1 / B7-H4 Antibody - Additional Information**Gene ID** 79679**Alias Symbol** **VTCN1****Other Names**

VTCN1, B7 superfamily member 1, B7 Superfamily, member 1, B7h.5, B7S1, B7H4, PRO1291, VTCN1, RP11-229A19.4, B7 family member, H4, B7-H4, B7X, Protein B7S1

Reconstitution & Storage

Caprylic acid and ammonium sulfate precipitation

Precautions

Anti-VTCN1 / B7-H4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-VTCN1 / B7-H4 Antibody - Protein Information**Name** VTCN1 {ECO:0000312|EMBL:EAW56672.1}**Function**

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.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Note=Expressed at the cell surface. A soluble form has also been detected. {ECO:0000255, ECO:0000269|PubMed:12818165, ECO:0000269|PubMed:15878339, ECO:0000269|PubMed:16782226}

Tissue Location

Overexpressed in breast, ovarian, endometrial, renal cell (RCC) and non-small-cell lung cancers

(NSCLC). Expressed on activated T- and B-cells, monocytes and dendritic cells, but not expressed in most normal tissues (at protein level). Widely expressed, including in kidney, liver, lung, ovary, placenta, spleen and testis

Anti-VTCN1 / B7-H4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-VTCN1 / B7-H4 Antibody - Images