

**B7H4 Rabbit mAb**  
**Catalog # AP75136****Specification**

---

**B7H4 Rabbit mAb - Product Information**

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	<a href="#">Q7Z7D3</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	30878

**B7H4 Rabbit mAb - Additional Information****Gene ID** 79679**Other Names**  
VTCN1**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A  
IHC-F~~N/A  
ICC~~N/A**Format**  
Liquid**B7H4 Rabbit mAb - 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

### B7H4 Rabbit mAb - 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](#)

### B7H4 Rabbit mAb - Images

