



VTCN1 rabbit pAb

Catalog No	YP-Ab-18070
Isotype	IgG
Reactivity	WB
Applications	Human;Mouse;Rat
Target	VTCN1
Gene Name	VTCN1 B7H4 UNQ659/PRO1291
Protein Name	V-set domain-containing T-cell activation inhibitor 1 (B7h.5) (Immune costimulatory protein B7-H4) (Protein B7S1) (T-cell costimulatory molecule B7x)
Molecular Weight	31kD
Specificity	This antibody detects endogenous levels of VTCN1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Dilution	WB 1:500-2000
Immunogen	Synthesized peptide derived from human VTCN1
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Function	31kD
Form	<p>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.</p> <p>Subcellular Location:</p> <p>Cell membrane ; Single-pass type I membrane protein . Expressed at the cell surface. A soluble form has also been detected. .</p>
Expression	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.
Concentration	1 mg/ml
Purity	≥90%
Storage	-15°C to -25°C/1 year(Do not lower than -25°C)
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images