



VTCN1 mouse mAb

Catalog No	YP-mAb-18070
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	VTCN1 B7H4 UNQ659/PRO1291
Immunogen	Synthesized peptide derived from human VTCN1
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.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	VTCN1;B7S1;B7-H4;B7H4;B7h.5;VTCN1 B7H4 UNQ659/PRO1291;V-set domain-containing T-cell activation inhibitor 1 (B7h.5) (Immune costimulatory protein B7-H4) (Protein B7S1) (T-cell costimulatory molecule B7x)
Observed Band	55-65 kDa
Calculated Molecular Weight	282 aa, 31 kDa
Cell Pathway	
Tissue Specificity	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.
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. Subcellular Location: Cell membrane ; Single-pass type I membrane protein . Expressed at the cell surface. A soluble form has also been



detected. .

Background

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