

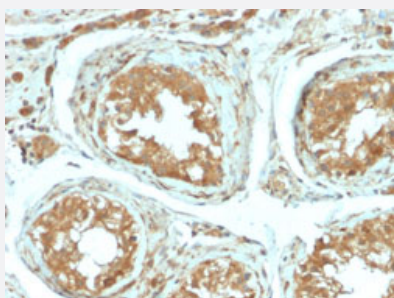
RecomAb™

VTCN1 recombinant monoclonal antibody, clone B7H4/2652R

Catalog # RAB00658

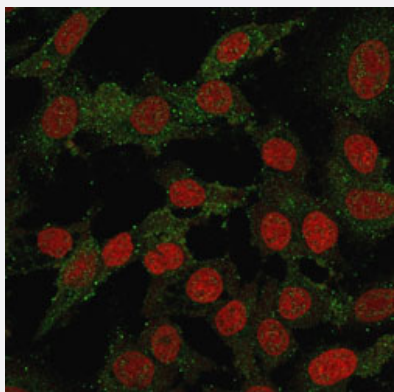
Size 100 ug

Applications



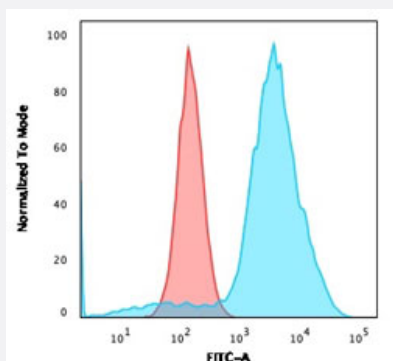
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testicular carcinoma.



Immunofluorescence

Immunofluorescence staining of SKBR-3 cells. Goat anti-mouse IgG conjugated to CF488 (Green) ; Membrane stained with Phalloidin (Red).



Flow Cytometry

Flow cytometric analysis of SKBR-3 cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human VTCN1.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to human VTCN1.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	ELISA (2-4 ug/mL for coating) Flow Cytometry (1-2 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Immunofluorescence (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining of human testicular carcinoma.
- Immunofluorescence
Immunofluorescence staining of SKBR-3 cells. Goat anti-mouse IgG conjugated to CF488 (Green) ; Membrane stained with Phalloidin (Red).
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry
Flow cytometric analysis of SKBR-3 cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

Gene Info — VTCN1

Entrez GeneID [79679](#)

Protein Accession#	Q7Z7D3
Gene Name	VTCN1
Gene Alias	B7-H4, B7H4, B7S1, B7X, B7h.5, FLJ22418, PRO1291, RP11-229A19.4, VCTN1
Gene Description	V-set domain containing T cell activation inhibitor 1
Omim ID	608162
Gene Ontology	Hyperlink
Gene Summary	B7H4 belongs to the B7 family (see CD80; MIM 112203) of costimulatory proteins. These proteins are expressed on the surface of antigen-presenting cells and interact with ligands (e.g., CD28; MIM 186760) on T lymphocytes.[supplied by OMIM]
Other Designations	OTTHUMP00000013947 T cell costimulatory molecule B7x immune costimulatory protein B7-H4

Disease

- [Arthritis](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)