

Datasheet for ABIN671736
anti-VTCN1 antibody (AA 50-100)[Go to Product page](#)

7 Images

1 Publication

Overview

Quantity:	100 µL
Target:	VTCN1
Binding Specificity:	AA 50-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VTCN1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Rat B7H4
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog
Purification:	Purified by Protein A.

Target Details

Target:	VTCN1
---------	-------

Target Details

Alternative Name:	B7H4 (VTCN1 Products)
Background:	Synonyms: RGD1311204, V-set domain-containing T-cell activation inhibitor 1, Vtcn1 Background: 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 (By similarity).
Gene ID:	295322
UniProt:	Q501W4

Application Details

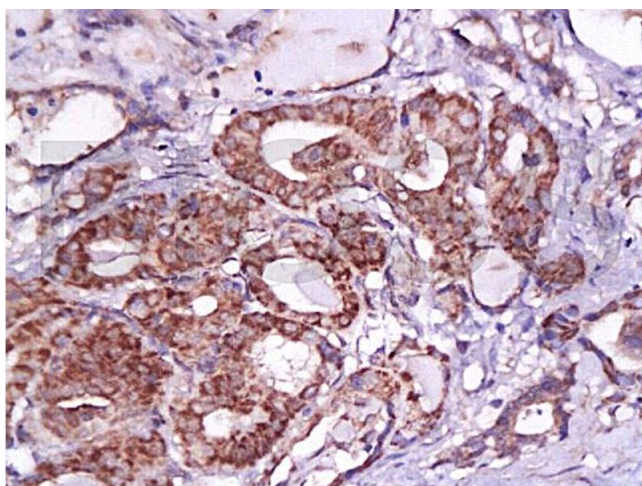
Application Notes:	ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

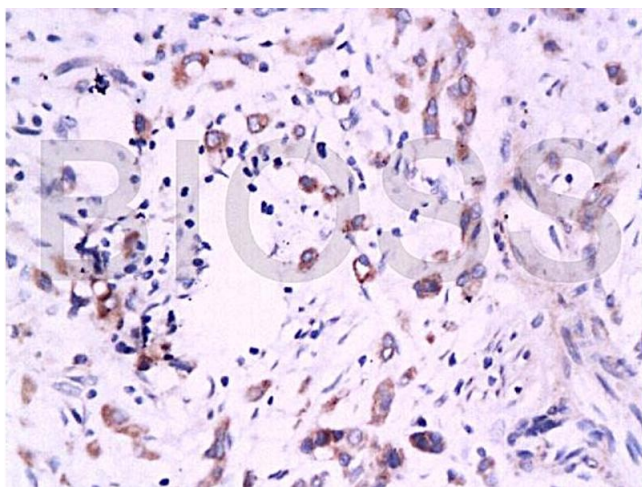
Product cited in: Maskey, Li, Hu, Xu, Peng, Yu, Cao, Chen, Li, Yang: "Impact of neoadjuvant chemotherapy on lymphocytes and co-inhibitory B7-H4 molecule in gastric cancer: low B7-H4 expression associates with favorable prognosis." in: **Tumour biology**, (2014) ([PubMed](#)).

Images



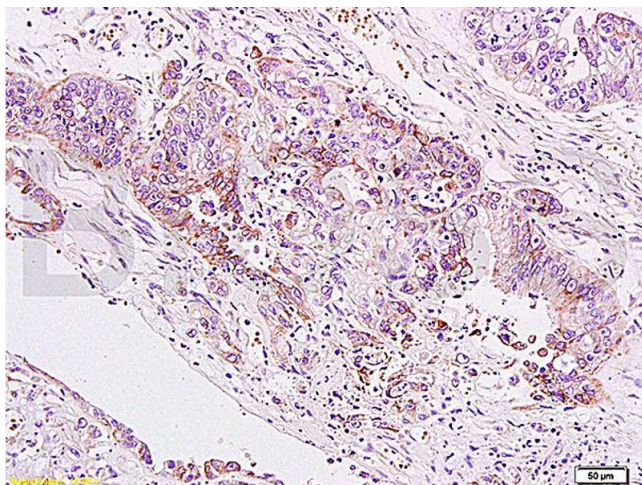
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human thyroid carcinoma labeled Anti-B7H4 Polyclonal Antibody, Unconjugated (ABIN671736) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human colon carcinoma labeled Anti-B7H4 Polyclonal Antibody, Unconjugated (ABIN671736) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human gastric carcinoma labeled Anti-B7H4 Polyclonal Antibody, Unconjugated (ABIN671736) at 1:200, followed by conjugation to the secondary antibody and DAB staining

Images

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN671736.