

## Product datasheet for **TA349700**

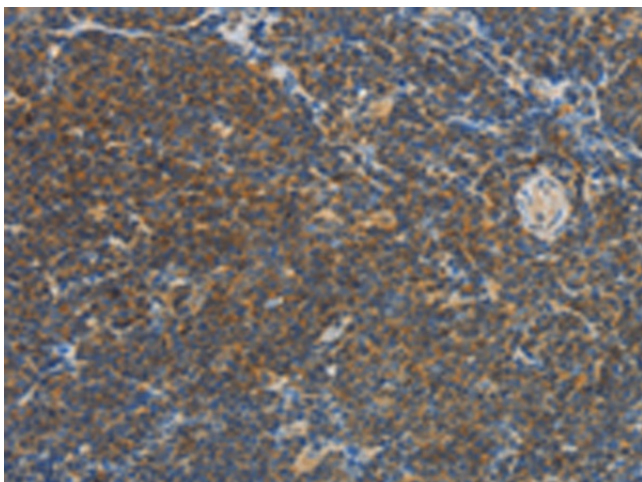
### **B7H4 (VTCN1) Rabbit Polyclonal Antibody**

#### **Product data:**

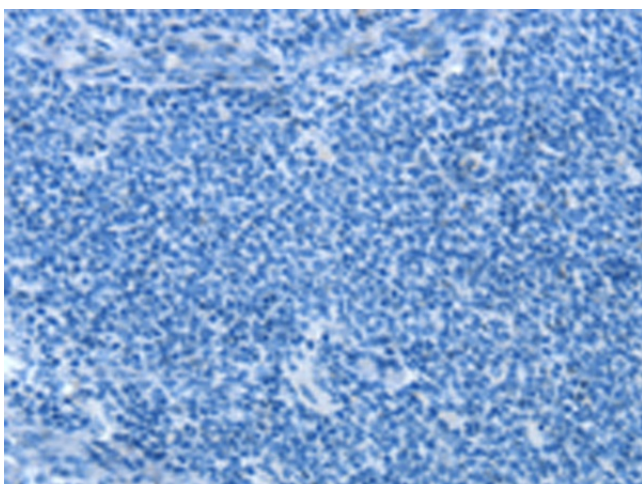
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human Lymphoma Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human VTCN1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	V-set domain containing T cell activation inhibitor 1
Database Link:	<a href="#">NP_078902</a> <a href="#">Entrez Gene 242122 MouseEntrez Gene 295322 RatEntrez Gene 79679 Human Q7Z7D3</a>
Background:	This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	B7-H4; B7h.5; B7H4; B7S1; B7X; PRO1291; VCTN1
Protein Families:	Transmembrane



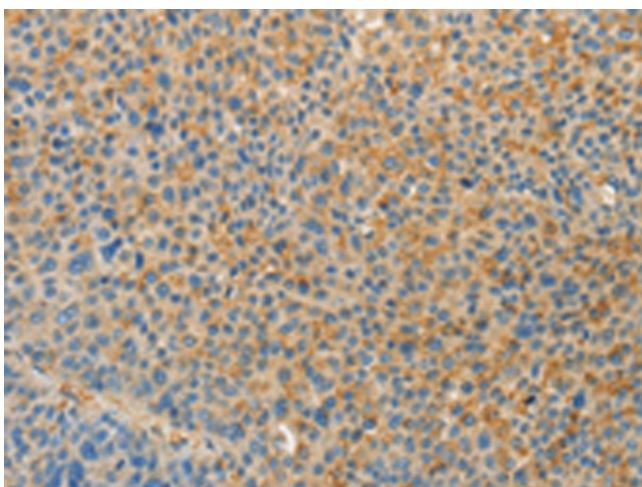
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**Product images:**

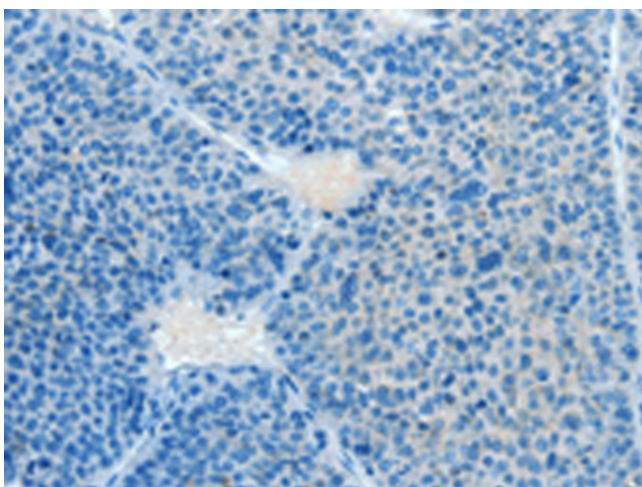
Immunohistochemistry of paraffin-embedded Human Lymphoma tissue using TA349700 (VTCN1 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human Lymphoma tissue using TA349700 (VTCN1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349700 (VTCN1 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349700 (VTCN1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )