

Datasheet for ABIN7175204
anti-VTCN1 antibody (AA 26-258)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	VTCN1
Binding Specificity:	AA 26-258
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VTCN1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human V-set domain-containing T-cell activation inhibitor 1 protein (26-258AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	VTCN1
Alternative Name:	VTCN1 (VTCN1 Products)
Background:	Background: Negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed

Target Details

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.

Aliases: B7 family member, H4 antibody, B7 H4 antibody, B7 homolog 4 antibody, B7 superfamily member 1 antibody, B7 superfamily, member 1 antibody, B7-H4 antibody, B7h.5 antibody, B7h4 antibody, B7S1 antibody, B7x antibody, BC032925 antibody, Immune costimulatory protein B7-H4 antibody, Immune costimulatory protein B7H4 antibody, MGC41287 antibody, PRO1291 antibody, Protein B7S1 antibody, RP11 229A19.4 antibody, T cell costimulatory molecule B7x antibody, T-cell costimulatory molecule B7x antibody, V set domain-containing T cell activation inhibitor 1 antibody, V-set domain-containing T-cell activation inhibitor 1 antibody, VCTN1 antibody, Vtcn1 antibody, VTCN1_HUMAN antibody

UniProt: [Q7Z7D3](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

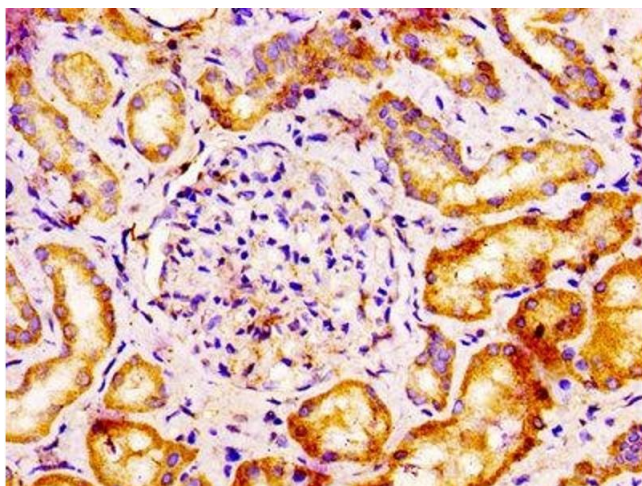
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

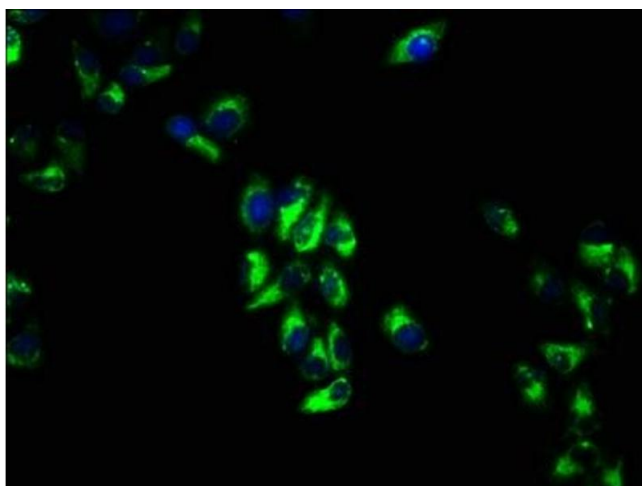
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7175204 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7175204 at 1:66, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).