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# Datasheet for ABIN7147148 anti-CD276 antibody (AA 29-200)

2 Images



### Overview

Quantity:	100 µL
Target:	CD276
Binding Specificity:	AA 29-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD276 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human CD276 antigen protein (29-200AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

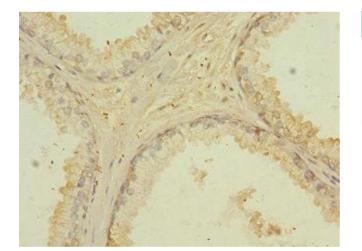
Target:	CD276
Alternative Name:	CD276 (CD276 Products)
Background:	Background: May participate in the regulation of T-cell-mediated immune response. May play a
	protective role in tumor cells by inhibiting natural-killer mediated cell lysis as well as a role of

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	marker for detection of neuroblastoma cells. May be involved in the development of acute and
	chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces.
	Could also play a key role in providing the placenta and fetus with a suitable immunological
	environment throughout pregnancy. Both isoform 1 and isoform 2 appear to be redundant in
	their ability to modulate CD4 T-cell responses. Isoform 2 is shown to enhance the induction of
	cytotoxic T-cells and selectively stimulates interferon gamma production in the presence of T-
	cell receptor signaling.
	Aliases: 41g B7 H3 antibody, 41g-B7-H3 antibody, AU016588 antibody, B7 H3 antibody, B7
	homolog 3 antibody, B7-H3 antibody, B7H3 antibody, B7RP-2 antibody, CD_antigen=CD276
	antibody, CD276 antibody, CD276 antigen antibody, CD276 Molecule antibody, CD276_HUMAN
	antibody, Costimulatory molecule antibody, Flags: Precursor antibody, PSEC0249 antibody,
	UNQ309/PRO352 antibody
UniProt:	Q5ZPR3
Pathways:	Cancer Immune Checkpoints
Application Details	
Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide

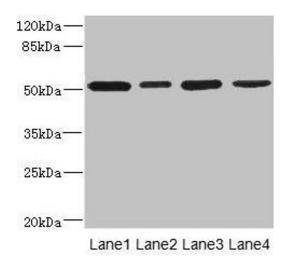
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7147148 at dilution of 1:100



#### Western Blotting

**Image 2.** Western blot All lanes: CD276 antibody at 0.48 µ g/mL Lane 1: U251 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 58, 34, 53 kDa Observed band size: 53 kDa