

Rabbit anti-Human B7-H3/CD276 Polyclonal Antibody | anti-B7-H3/CD276 antibody

Rabbit anti-B7-H3/CD276 Antibody, Affinity Purified

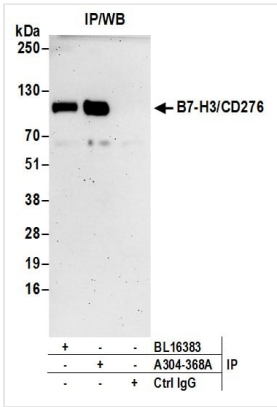
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212649	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

B7-H3/CD276; Polyclonal Antibody; Rabbit anti-B7-H3/CD276 Antibody; Affinity Purified; B7RP-2; CD276 antigen; costimulatory molecule; CD antigen CD276; B7H3; 4Ig-B7-H3; B7 homolog 3; B7-H3; CD276 molecule; anti-B7-H3/CD276 antibody

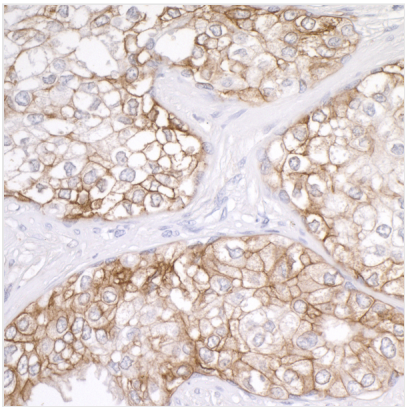
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-B7-H3/CD276 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 484 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



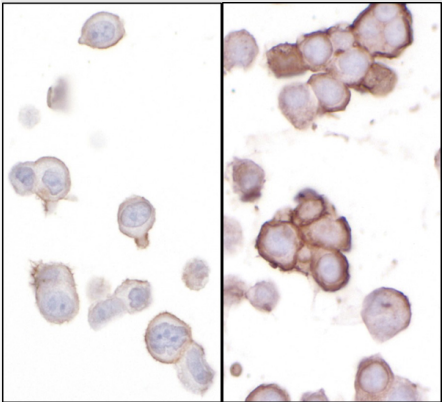
IP (Immunoprecipitation)

Detection of human B7-H3/CD276 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-B7-H3/CD276 antibody AAA212649 (lot AAA212649-1) used for IP at 6 ug per reaction. B7-H3/CD276 was also immunoprecipitated by rabbit anti-B7-H3/CD276 antibody BL16383. For blotting immunoprecipitated B7-H3/CD276, A304-367A was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human B7-H3/CD276 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-B7-H3/CD276 (Cat. No. AAA212649 Lot 1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB Counterstain: IHC hematoxylin



ICC (Immunocytochemistry)

Detection of human B7-H3/CD276 by immunocytochemistry. Samples: FFPE sections of MCF-7 cells (endogenous expression) and CD276 transfected Hek293 cells (over-expression). Antibody: Affinity purified rabbit anti-B7-H3/CD276 (Cat. No. AAA212649 Lot 1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-B7-H3/CD276 antibody	CD276 may participate in the regulation of T-cell-mediated immune response. CD276 may play a protective role in tumor cells by inhibiting natural-killer mediated cell lysis as well as a role of marker for detection of neuroblastoma cells. It may also be involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces and could also play a key role in providing the placenta and fetus with a suitable immunological environment throughout pregnancy [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q5ZPR3].
Product Categories/Family for anti-B7-H3/CD276 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	67188443
NCBI GeneID	80381
NCBI Accession #	NP_001019907.1

NCBI GenBank Nucleotide #	NM_001024736.1
UniProt Accession #	Q5ZPR3 ; Q6P5Y4 ; Q6UXI2 ; Q8NB18 ; Q8NC34 ; Q8NCB6 ; Q9BXR1
Molecular Weight	57,235 Da
NCBI Official Full Name	CD276 antigen isoform a
NCBI Official Synonym Full Names	CD276 molecule
NCBI Official Symbol	CD276
NCBI Official Synonym Symbols	B7H3; B7-H3; B7RP-2; 4Ig-B7-H3
NCBI Protein Information	CD276 antigen; B7 homolog 3; costimulatory molecule
UniProt Protein Name	CD276 antigen
UniProt Gene Name	CD276
UniProt Synonym Gene Names	B7H3; B7-H3
UniProt Entry Name	CD276_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/b7-h3-cd276-antibody-immunohistochemistry-immunoprecipitation-elisa/212649>