

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

CD276/B7-H3 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA21341	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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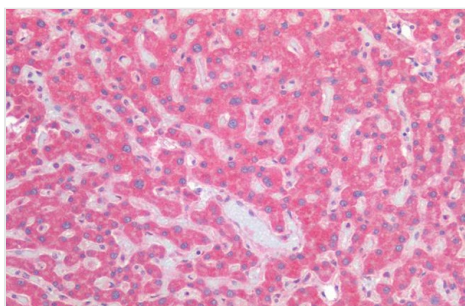
PRODUCT SYNONYMS

CD276/B7-H3; Polyclonal Antibody; CD276/B7-H3 Rabbit anti-Human Polyclonal Antibody; PathPlus CD276/B7-H3 Antibody; CD276; 4lg-B7-H3; B7 homolog 3; B7-H3; CD276 antigen; CD276 molecule; Costimulatory molecule; B7H3; B7RP-2; anti-CD276 antibody

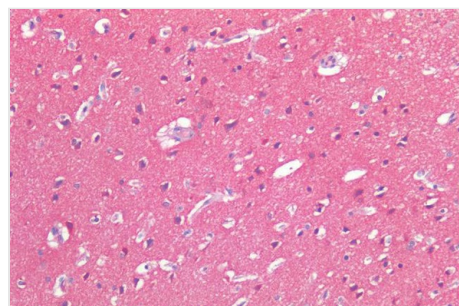
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD276 antibody	IHC (Immunohistochemistry)
Target	Human CD276/B7-H3
Immunogen	LP-10685, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

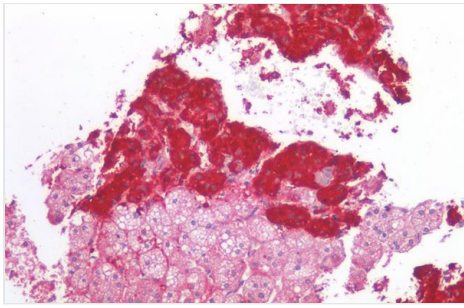
IMAGES



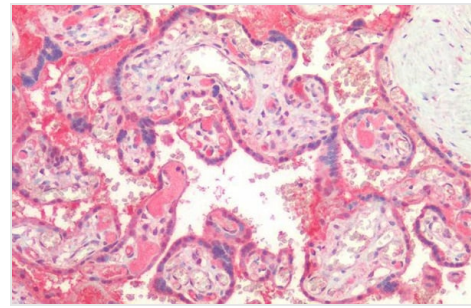
IHC (Immunohistochemistry)
CD276/B7-H3 Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



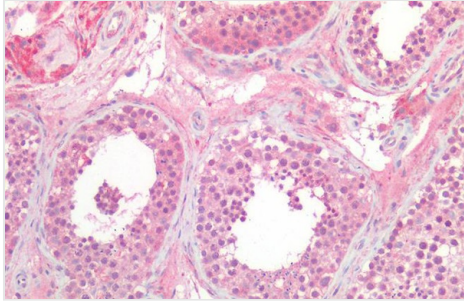
IHC (Immunohistochemistry)
CD276/B7-H3 Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



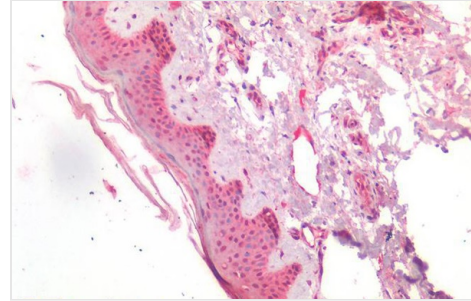
IHC (Immunohistochemistry)
CD276/B7-H3 Antibody-Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CD276/B7-H3 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CD276/B7-H3 Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CD276/B7-H3 Antibody-Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CD276 antibody

B7-H3 antibody is an unconjugated rabbit polyclonal antibody to B7-H3 (CD276) from human. Validated for IHC. CD276 (B7-H3) is a type I transmembrane protein and immune checkpoint inhibitor that is induced on antigen presenting cells. It plays a role in the inhibition of T-cell function. It is expressed constitutively on fibroblasts, endothelial cells, and osteoblasts. It is also induced on immune cells, particularly antigen-presenting dendritic cells, monocytes, NK cells, B cells, and some T-cells. It is overexpressed in a range of human cancers, including melanomas, leukemia, breast, prostate, ovarian, pancreatic, and colorectal cancers, while limited expression is seen in normal tissues. Overexpression of CD276 correlates with poor prognosis, suggesting that CD276 plays a role in immune evasion and tumorigenesis. It is a target for cancer immunotherapy and a candidate for inhibitory immune checkpoint blockade.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376852
NCBI GeneID	80381
NCBI Accession #	NP_079516.1
NCBI GenBank Nucleotide #	NM_025240
UniProt Accession #	Q5ZPR3 ; Q6P5Y4 ; Q6UXI2 ; Q8NBI8 ; Q8NC34 ; Q8NCB6 ; Q9BXR1
Molecular Weight	57,165 Da
NCBI Official Full Name	CD276 antigen isoform b
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/cd276-b7-h3-antibody-immunohistochemistry-elisa/21341>