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

B7-H3/CD276 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281762	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot**

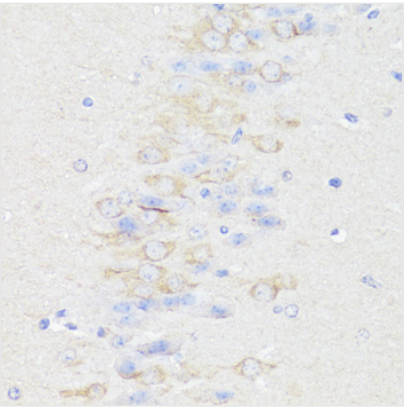
PRODUCT SYNONYMS

B7-H3/CD276; Polyclonal Antibody; B7-H3/CD276 Rabbit pAb; CD276; 4Ig-B7-H3; B7-H3; B7H3; B7RP-2; anti-B7-H3/CD276 antibody

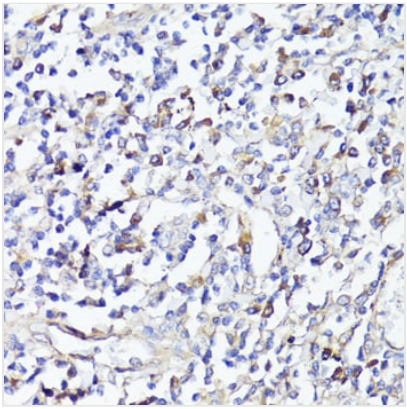
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide,50% glycerol,pH7.3.
Sequence	LAQGNASLRL QRVRVADEGS FTCFVSIRDF GSAAVSLQVA APYSKPSMTL EPNKDLRPGD TVTITCSSYQ GYPEAEVFWQ DGQGVPLTGN VTTSQMANEQ G
Applicable Applications for anti-B7-H3/CD276 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human B7-H3/CD276 (NP_001019907.1).
Positive Samples	U-87MG
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

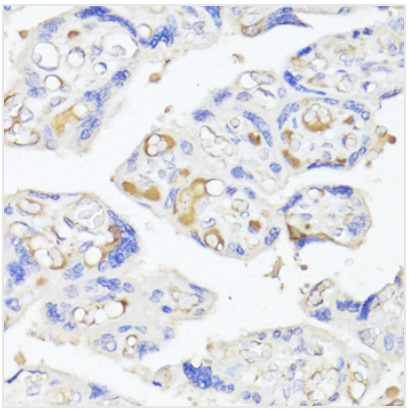
IMAGES



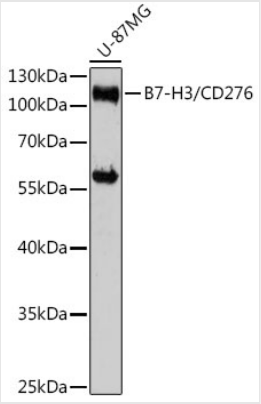
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using B7-H3/CD276 antibody at dilution of 1:150 (40x lens).



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human tonsil using B7-H3/CD276 antibody at dilution of 1:150 (40x lens).



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human placenta using B7-H3/CD276 antibody at dilution of 1:150 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of U-87MG cells, using B7-H3/CD276 antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-B7-H3/CD276 antibody	Background: The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-B7-H3/CD276 antibody	Cancer; Tumor biomarkers; Research; Immunology & Inflammation; CDs; Research; Stem Cells; Hematopoietic Progenitors; Products; Immune Checkpoint Proteins; Products; Drug Targets

NCBI AND UNIPROT INFORMATION

NCBI GI #	52694705
NCBI GeneID	80381
UniProt Accession #	Q5ZPR3; Q6P5Y4; Q6UXI2; Q8NBI8; Q8NC34; Q8NCB6; Q9BXR1
Molecular Weight	57,235 Da
NCBI Official Full Name	B7-H3 protein
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://www.aaabiotech.com/polyclonal/b7-h3-cd276-antibody-immunohistochemistry-western-blot-elisa/281762