

Mouse anti-Human CD276 Monoclonal Antibody | anti-CD276 antibody

CD276 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319996	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

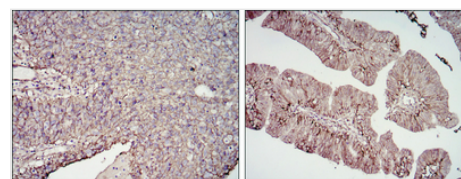
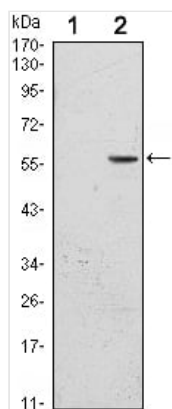
PRODUCT SYNONYMS

CD276; Monoclonal Antibody; CD276 Monoclonal Antibody; CD276 antigen; B7H3; PSEC0249; 4Ig-B7-H3; B7 homolog 3; B7-H3; Costimulatory molecule; CD antigen CD276; anti-CD276 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	CD276 Monoclonal Antibody detects endogenous levels of CD276 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-CD276 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CD276 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

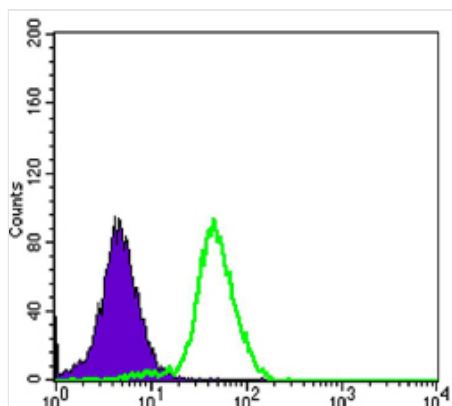


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded cervical cancer tissues (left) and ovarian cancer tissues (right) with DAB staining using CD276 Monoclonal Antibody.

FCM/FACS (Flow Cytometry)

Flow cytometric analysis of PC-3 cells using CD276 Monoclonal Antibody (green) and negative control (purple).



WB (Western Blot)

Western Blot analysis using CD276 Monoclonal Antibody against HEK293 (1) and CD276-hlgGFc transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CD276 antibody

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. [provided by RefSeq, Sep 2011]

Product Categories/Family for anti-CD276 antibody

[Primary Antibodies](#)

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://stage.aaabiotech.com/monoclonal/cd276-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/319996>