

CD276/B7-H3 recombinant antibody

Anti-Human CD276/B7-H3 Antibody (SAA2010)

CATALOG # AAA120380	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, ELISA
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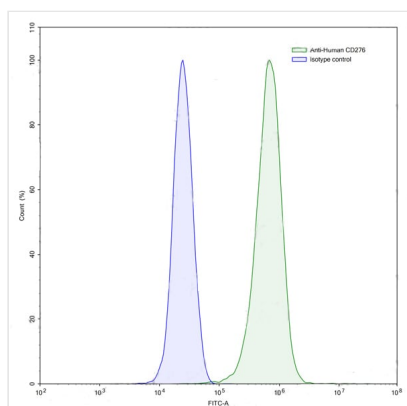
PRODUCT SYNONYMS

CD276/B7-H3; Monoclonal Recombinant Antibody; Anti-Human CD276/B7-H3 Antibody (SAA2010); CD276; B7-H3; Costimulatory molecule; B7H3; 4lg-B7-H3; B7 homolog 3; CD276 antigen; CD276/B7-H3 recombinant antibody

PRODUCT SPECIFICATIONS

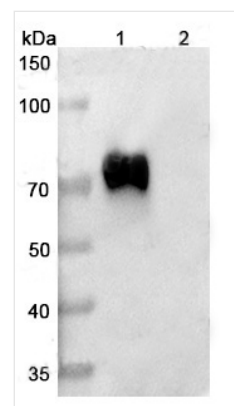
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	SAA2010
Purity/Purification	>95% by SDS-PAGE Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH7.4.
Concentration	1.42 mg/ml (varies by lot)
Applicable Applications for CD276/B7-H3 recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Host Species	Human
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD276 antibody. PC-3 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human CD276 antibody monoclonal antibody (Catalog # RHJ04001, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyt Flow Cytometer.



WB (Western Blot)

Various lysates were subjected to SDS PAGE followed by western blot with Anti Human CD276/B7-H3 antibody [SAA2010] (RHJ04001) at 1 µg/ml. Lane 1: Human CD276/B7-H3 transfected HEK293 cell lysate. Lane 2: Non-transfected HEK293 cell lysate. Second Ab: Goat Anti-Human IgG H&L Polyclonal antibody, HRP (PHB96431) at 0.1 µg/mL. Predict MW: 50 kDa

ADDITIONAL INFORMATION

Product Categories/Family for CD276/B7-H3 recombinant antibody	Recombinant Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52694705
NCBI GeneID	80381
UniProt Accession #	Q5ZPR3; Q6P5Y4; Q6UXI2; Q8NBI8; Q8NC34; Q8NCB6; Q9BXR1
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-b7-h3-recombinant-antibody-clone-saa2010-flow-cytometry-western-blot-elisa/120380>