

CD276 recombinant antibody

CD276 Recombinant Monoclonal Antibody

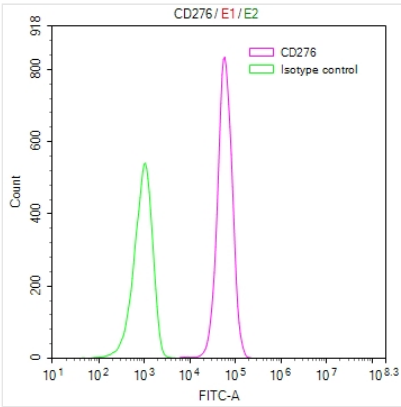
CATALOG # AAA279306	HOST HEK293F Cell	REACTIVITY Human, Cynomolgus	APPLICATIONS ELISA
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PRODUCT SYNONYMS

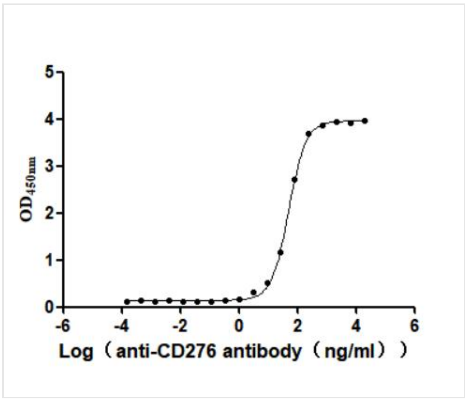
CD276; Monoclonal Recombinant Antibody; CD276 Recombinant Monoclonal Antibody; 4Ig B7 H3 antibody; 4Ig-B7-H3 antibody; AU016588 antibody; B7 H3 antibody; B7 homolog 3 antibody; B7-H3 antibody; B7H3 antibody; B7RP-2 antibody; CD_antigen=CD276 antibody; CD276 antibody; CD276 antigen antibody; CD276 molecule antibody; CD276_HUMAN antibody; Costimulatory molecule antibody; Flags: Precursor antibody; PSEC0249 antibody; UNQ309/PRO352 antibody\$; CD276 recombinant antibody

PRODUCT SPECIFICATIONS

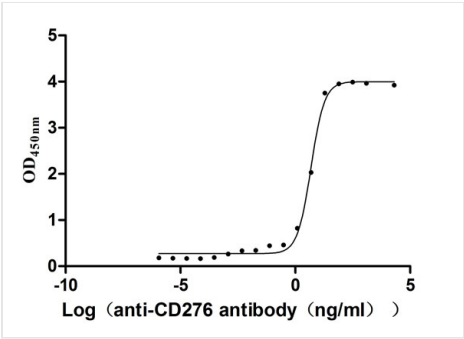
Host	HEK293F Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	5F9
Purity/Purification	Affinity-chromatography
Form/Format	Liquid; Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Applicable Applications for CD276 recombinant antibody	ELISA
Antigen Species	Human
Antigen	Recombinant Human CD276 protein
Conjugation	Non-conjugated
Research Area	Cancer, Immunology, Stem cells
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing MCF7 cells stained with AAA279306MA1HU (red line) at 1:100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-human IgG(H+L) at 1:200 dilution for 35min at 4 degree C. Control antibody (green line) was human IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



ELISA
The Binding Activity of Human CD276 with Anti-CD276 recombinant antibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized human CD276(CSB-MP733578HU(F2)) at 2 ug/mL can bind Anti-CD276 recombinant antibody. The EC50 is 47.12-54.16 ng/mL.



ELISA
The Binding Activity of Human CD276 with Anti-CD276 recombinant antibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized human CD276(CSB-MP5140MOV) at 2 ug/mL can bind Anti-CD276 recombinant antibody. The EC50 is 4.299-5.373 ng/mL.

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

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-recombinant-antibody-clone-5f9-elisa/279306>