

CD276 recombinant protein

Recombinant Human CD276, C-His

CATALOG # AAA120503	HOST Mammalian cells	APPLICATIONS ELISA, Western Blot, SDS-Page
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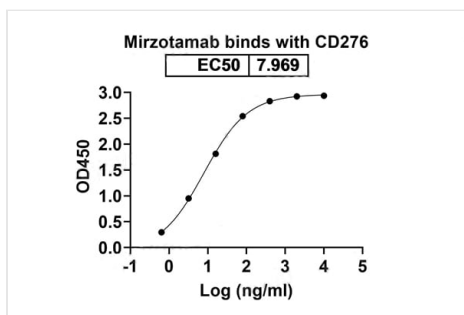
PRODUCT SYNONYMS

CD276; Recombinant Human CD276; C-His; B7-H3; Costimulatory molecule; B7H3; 4Ig-B7-H3; B7 homolog 3; CD276 antigen; Drug Target; CD276 recombinant protein

PRODUCT SPECIFICATIONS

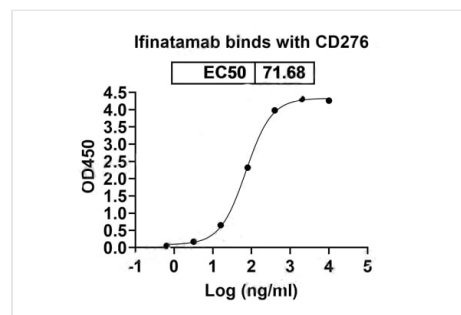
Host	Mammalian cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from a solution in PBS pH7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Sequence Positions	Met1-Thr461
Sequence Length	Met1-Thr461
Applicable Applications for CD276 recombinant protein	ELISA, WB (Western Blot), SDS-PAGE
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.

IMAGES



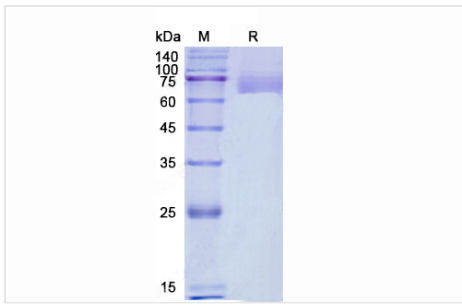
Bioactivity

Detects Mirzotamab in indirect ELISAs.



Bioactivity

Detects Ifinatumab in indirect ELISAs.



SDS-PAGE

SDS PAGE for recombinant Human CD276

ADDITIONAL INFORMATION

Product Categories/Family for CD276 recombinant protein	Recombinant Proteins
References	Molecular Pathways: Targeting B7-H3 (CD276) for Human Cancer Immunotherapy. PMID: 27208063 CD276 Promotes Vasculogenic Mimicry Formation in Hepatocellular Carcinoma via the PI3K/AKT/MMPs Pathway. PMID: 33204103 CD276-Positive Circulating Endothelial Cells Do Not Predict Response to Systemic Therapy in Advanced Colorectal Cancer. PMID: 31948091 The Role of CD276 in Cancers. PMID: 33842369 Prognostic Significance of CD276 in Non-small Cell Lung Cancer. PMID: 31737785

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/cd276-recombinant-protein-mammalian-cells-elisa-wb-western-blot-sds-page/120503>