

Rabbit anti-Human B7-H3 Monoclonal Antibody | anti-B7-H3 antibody

Biotinylated Anti-B7-H3 antibody (DM53), Rabbit mAb

CATALOG # AAA47459	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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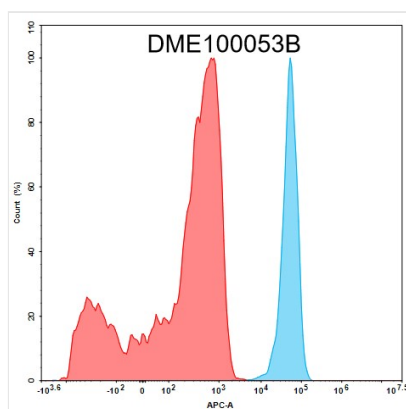
PRODUCT SYNONYMS

B7-H3; Monoclonal Antibody; Biotinylated Anti-B7-H3 antibody (DM53); Rabbit mAb; CD276; B7 homolog 3; B7H3; anti-B7-H3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM53
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Powder. Buffer: Preservative 0.1% Procline 300 Constituents: PBS, pH7.4
Applicable Applications for anti-B7-H3 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human B7H3(Leu29-Pro245) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at 2-8 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 1. 1e5 of Expi 293 cell line were stained with 100 uL of 1:1000 diluted Biotinylated Anti-B7-H3 antibody (DM53), Rabbit mAb (Blue histogram) or isotype control (Red histogram) respectively, washed and then stained with Streptavidin APC. The experimental samples were analyzed by flow cytometry.

ADDITIONAL INFORMATION

Related Product Information for anti-B7-H3 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.
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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.