PRODUCT INFORMATION

Clone ID	DM173
Target	B7-H6
Synonyms	B7-H6;NCR3LG1;B7 Homolog 6
Host Species	Rabbit
Description	Anti-B7-H6 antibody(DM173); Rabbit mAb
Delivery	In Stock
Uniprot ID	Q68D85
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	B7H6 belongs to the B7 family (see MIM 605402) and is selectively expressed on tumor cells. Interaction of B7H6 with NKp30 (NCR3; MIM 611550) results in natural killer (NK) cell activation and cytotoxicity.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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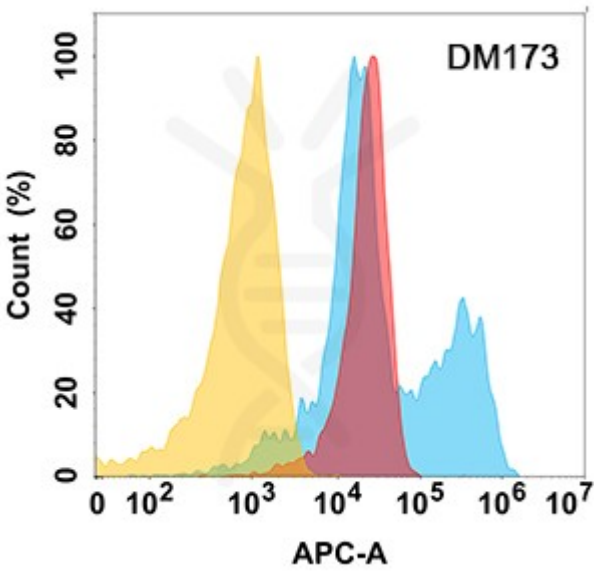

Figure 1. B7H6 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-B7H6 (DM173) on HEK293 cells transfected with human B7H6 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).

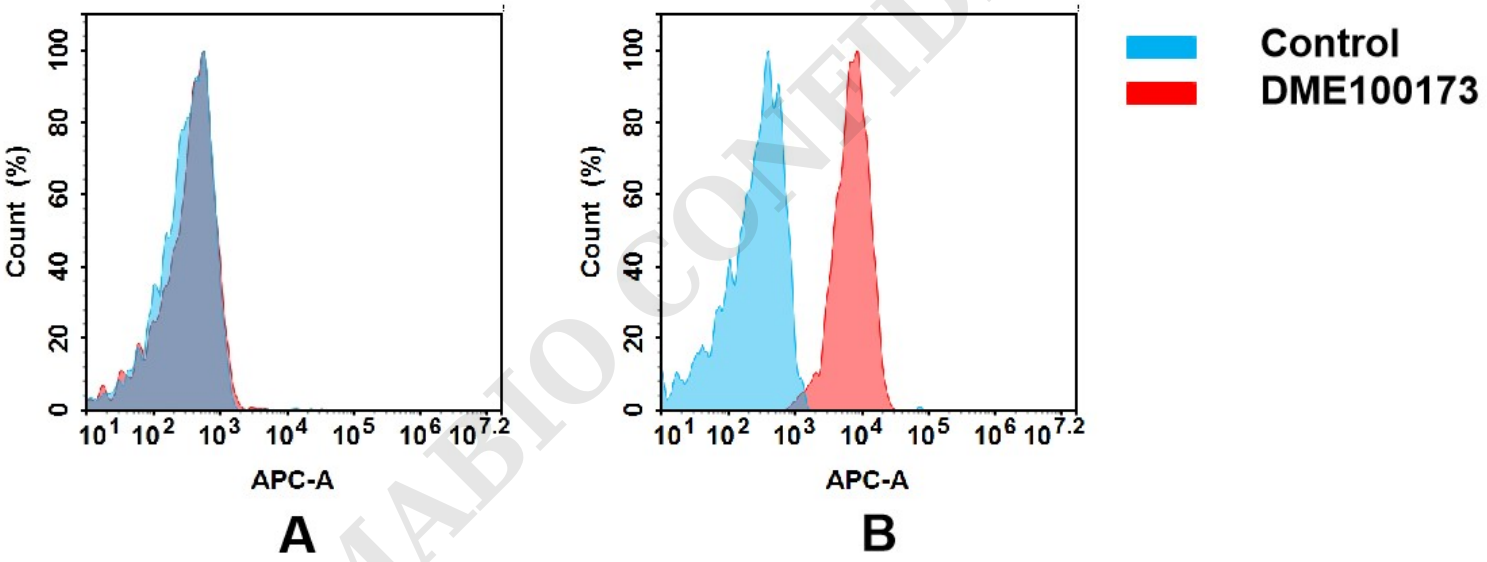

Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human B7-H6 mAb(DME100173).

(A) DME100173 does not bind to MM1.S cells that do not express B7-H6.
(B) A clear peak shift of DME100173 was seen compared to the control when incubated with B7-H6-expressing K562 cells, indicating strong binding of DME100173 to B7-H6. Antibodies were incubated at 5 μg/mL.

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