

**PRODUCT INFORMATION**

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|---|---|
| <b>Clone ID</b>                         | DM173   |
| <b>Target</b>                           | B7-H6   |
| <b>Synonyms</b>                         | B7-H6;NCR3LG1;B7 Homolog 6  |
| <b>Host Species</b>                     | Rabbit  |
| <b>Description</b>                      | Anti-B7-H6 antibody(DM173); Rabbit mAb  |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | Q68D85  |
| <b>IgG type</b>                         | Rabbit IgG  |
| <b>Clonality</b>                        | Monoclonal  |
| <b>Reactivity</b>                       | Human   |
| <b>Applications</b>                     | ELISA; Flow Cyt   |
| <b>Recommended Dilutions</b>            | ELISA 1:5000-10000; Flow Cyt 1:100  |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography   |
| <b>Formulation &amp; Reconstitution</b> | 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.<br>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).<br>Lyophilized proteins are shipped at ambient temperature. |
| <b>Storage &amp; Shipping</b>           |   |
| <b>Background</b>                       | 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.  |
| <b>Usage</b>                            | Research use only   |

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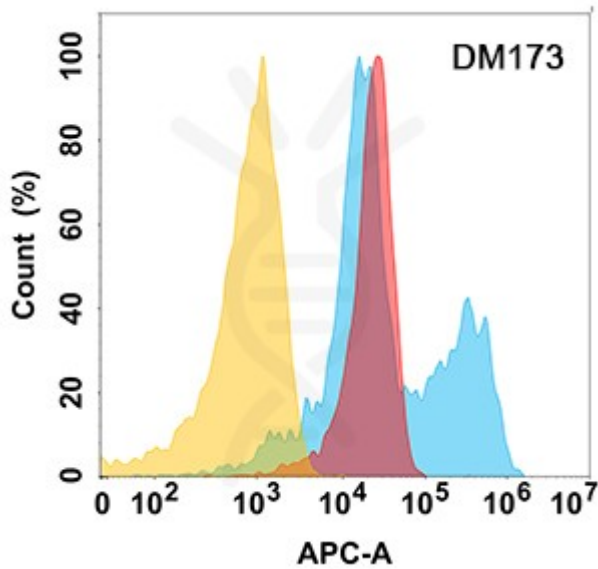


Figure 1. B7H6 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-B7H6 (DM173) on Expi293 cells transfected with human B7H6 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

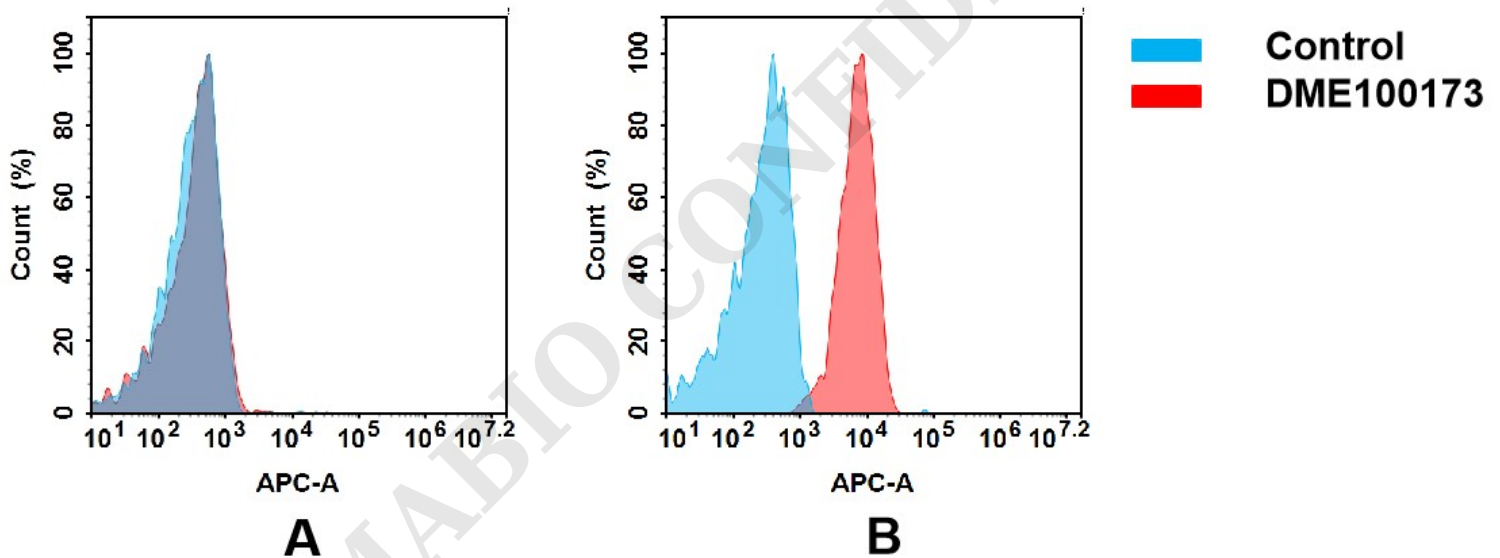


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human B7-H6 mAb(DME100173).

(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.

