

PRODUCT INFORMATION

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| Clone ID | DMC299 |
| Target | B7-H5 |
| Synonyms | B7-H5; B7H5; C10orf54; DD1alpha; Dies1; GI24; PD-1H; PP2135; SISP1; VISTA |
| Host Species | Rabbit |
| Description | Anti-B7-H5 antibody(DMC299); IgG1 Chimeric mAb |
| Delivery | In Stock |
| Uniprot ID | Q9H7M9 |
| IgG type | Rabbit/Human Fc chimeric IgG1 |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | Flow Cyt |
| Recommended Dilutions | 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 | Immunoregulatory receptor which inhibits the T-cell response (PubMed:24691993). May promote differentiation of embryonic stem cells; by inhibiting BMP4 signaling (By similarity). May stimulate MMP14-mediated MMP2 activation (PubMed:20666777). |
| Usage | Research use only |



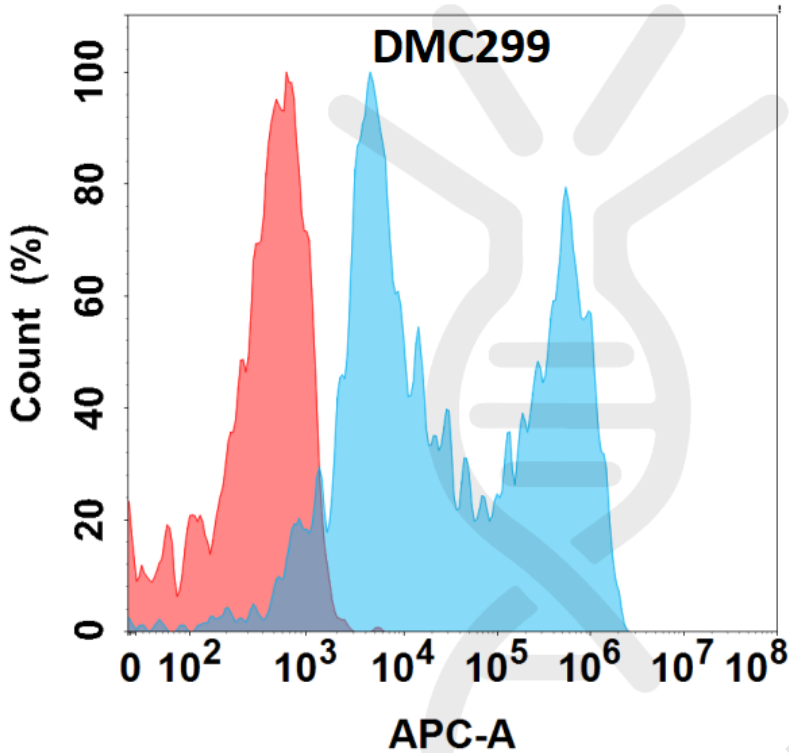


Figure 1. Flow cytometry analysis with Anti-B7H5 (DMC299) on Expi293 cells transfected with human B7H5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

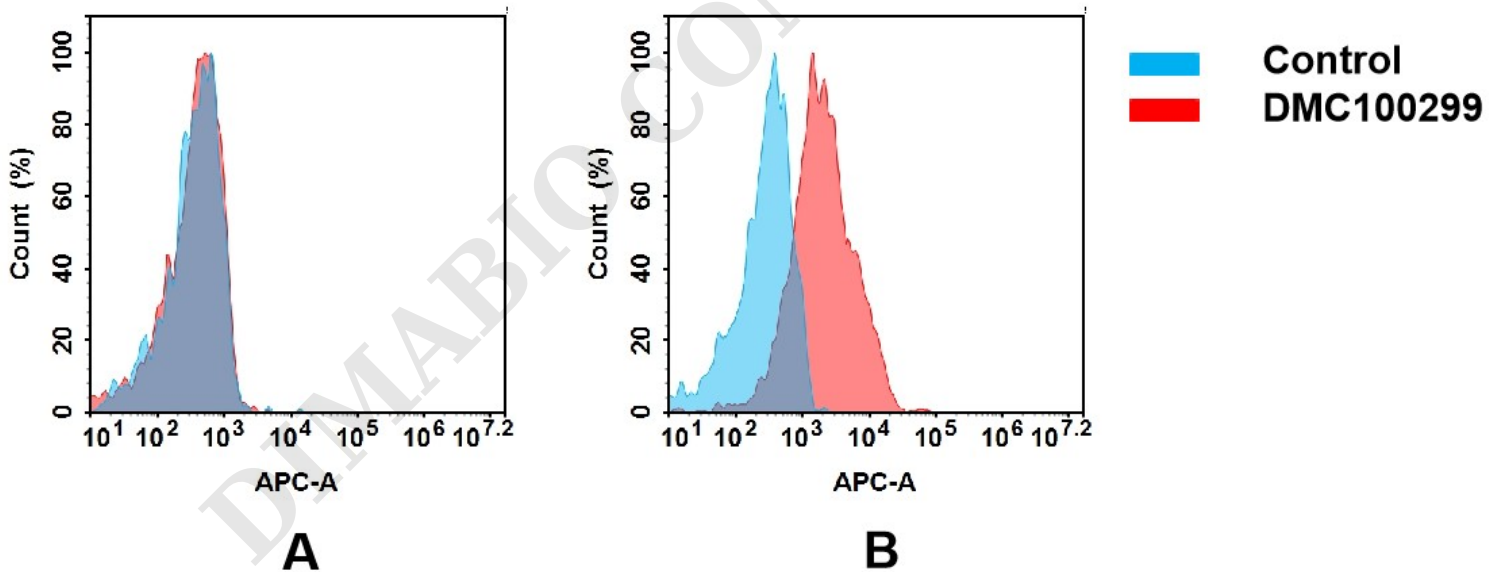


Figure 2. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(DMC100299).

(A) DMC100299 does not bind to 293T cells that do not express B7-H5.

(B) A clear peak shift of DMC100299 was seen compared to the control when incubated with B7-H5-expressing THP-1 cells, indicating strong binding of DMC100299 to B7-H5. Antibodies were incubated at 5 μ g/mL.

