

PRODUCT INFORMATION

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



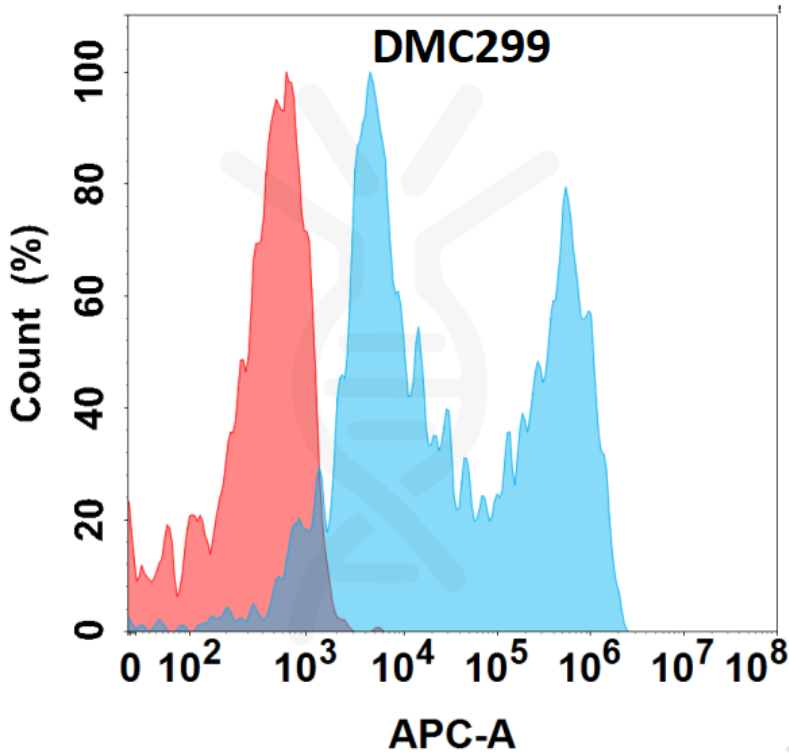


Figure 1. Flow cytometry analysis with Anti-B7H5 (DMC299) on Expi293 cells transfected with human B7H5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

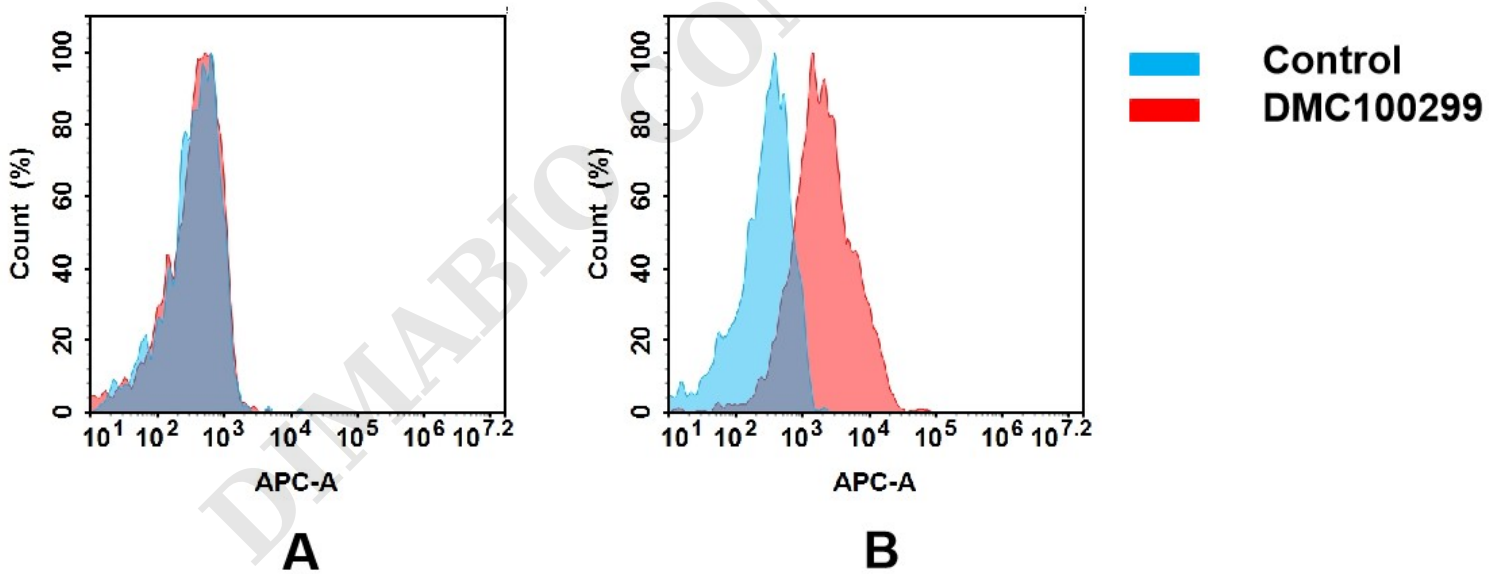


Figure 2. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(DMC100299).

(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 µg/mL.

