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
Conjugate	Unconjugated

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

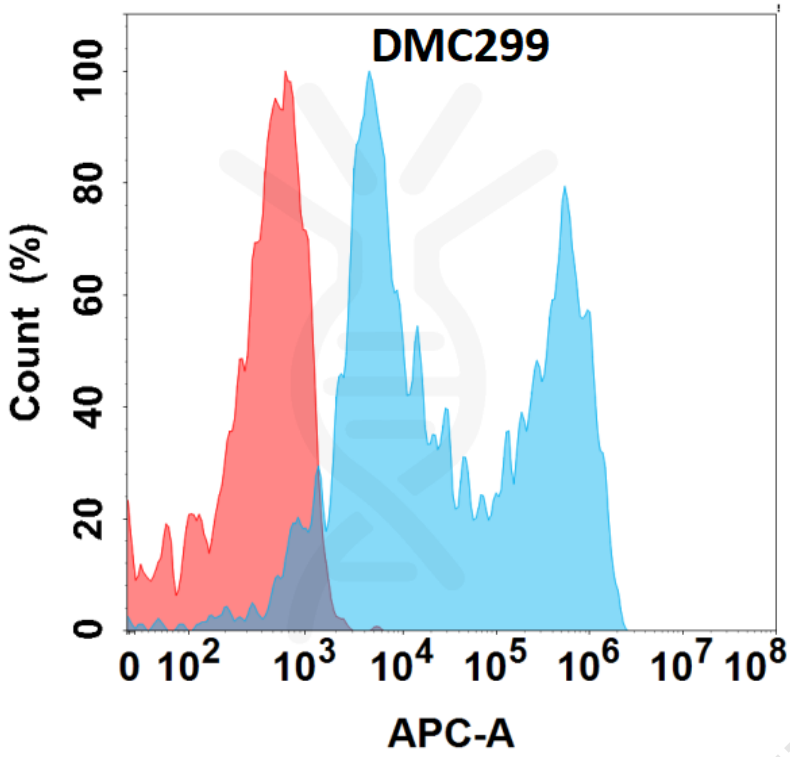

Figure 1. Flow cytometry analysis with Anti-B7H5 (DMC299) on Expi293 cells transfected with human B7H5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

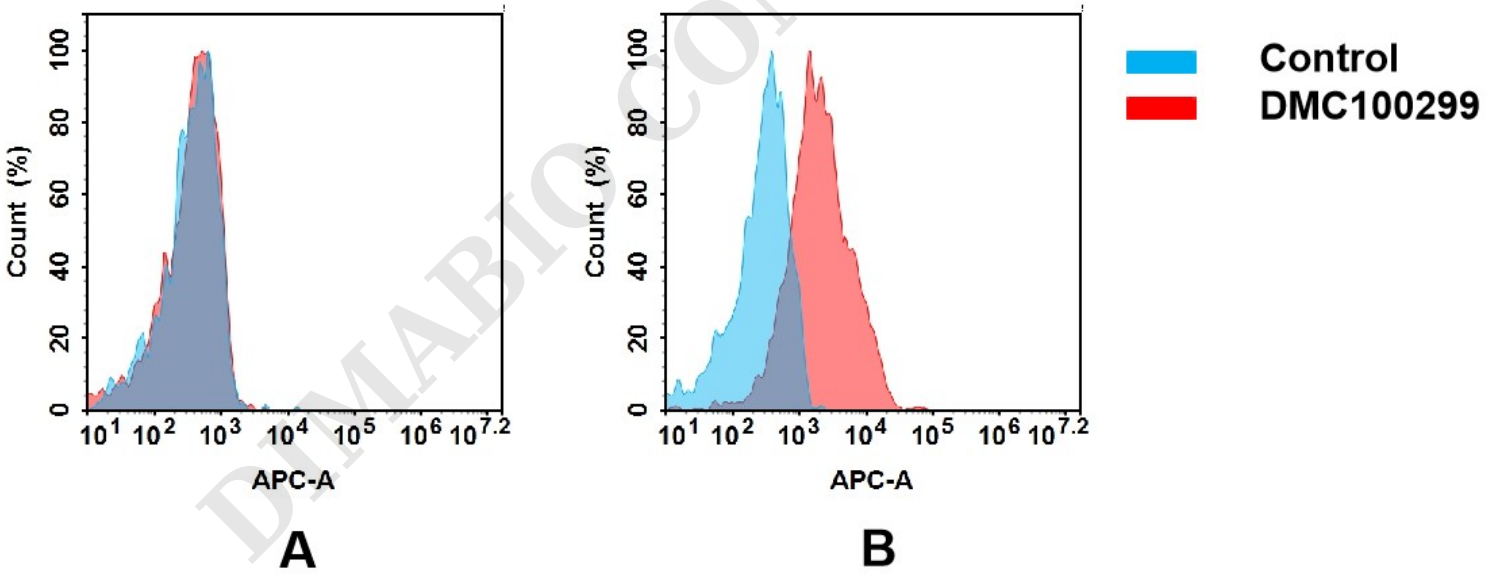

Figure 2. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(DMC100299).
(A) DMC100299 does not bind to 293T cells that do not express B7-H5.
(B) A clear peak shift of DMC100299 was seen compared to the control when incubated with B7-H5-expressing THP-1 cells, indicating strong binding of DMC100299 to B7-H5. Antibodies were incubated at 5 μg/mL.

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