

## PRODUCT INFORMATION

<b>Clone ID</b>	<b>Warning:</b> Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\publicclass-woocommerce-print-products-public.php on line 2806 DMC299
<b>Target</b>	B7-H5
<b>Synonyms</b>	B7-H5; B7H5; C10orf54; DD1alpha; Dies1; GI24; PD-1H; PP2135; SISP1; VISTA
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-B7-H5 antibody(DMC299); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9H7M9
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	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 for reconstitution.
<b>Yefei Storage</b>	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.
<b>Background</b>	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).
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	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.

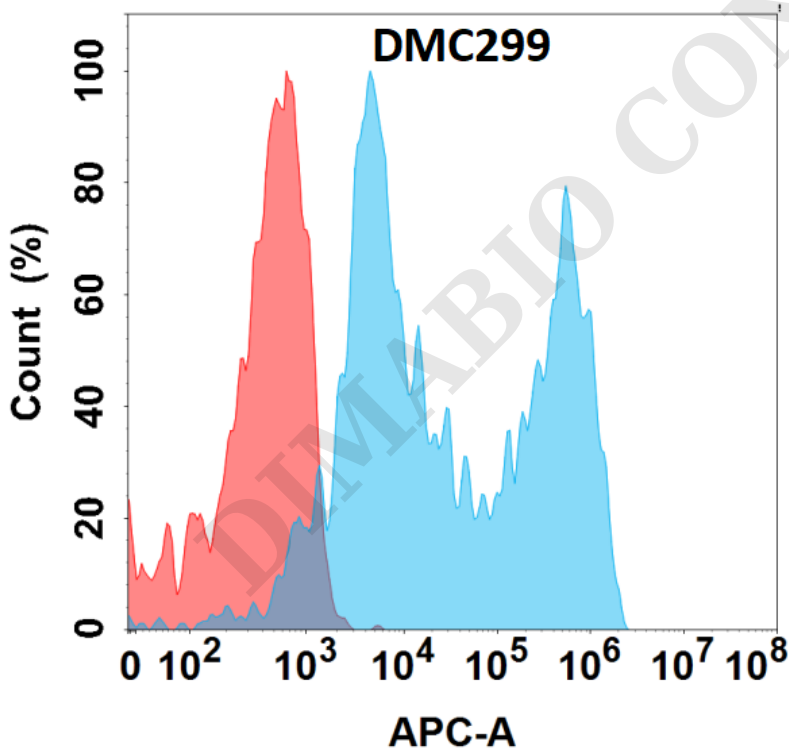


Figure 1. Flow cytometry analysis with Anti-B7H5 (DMC299) on HEK293 cells transfected with human B7H5 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



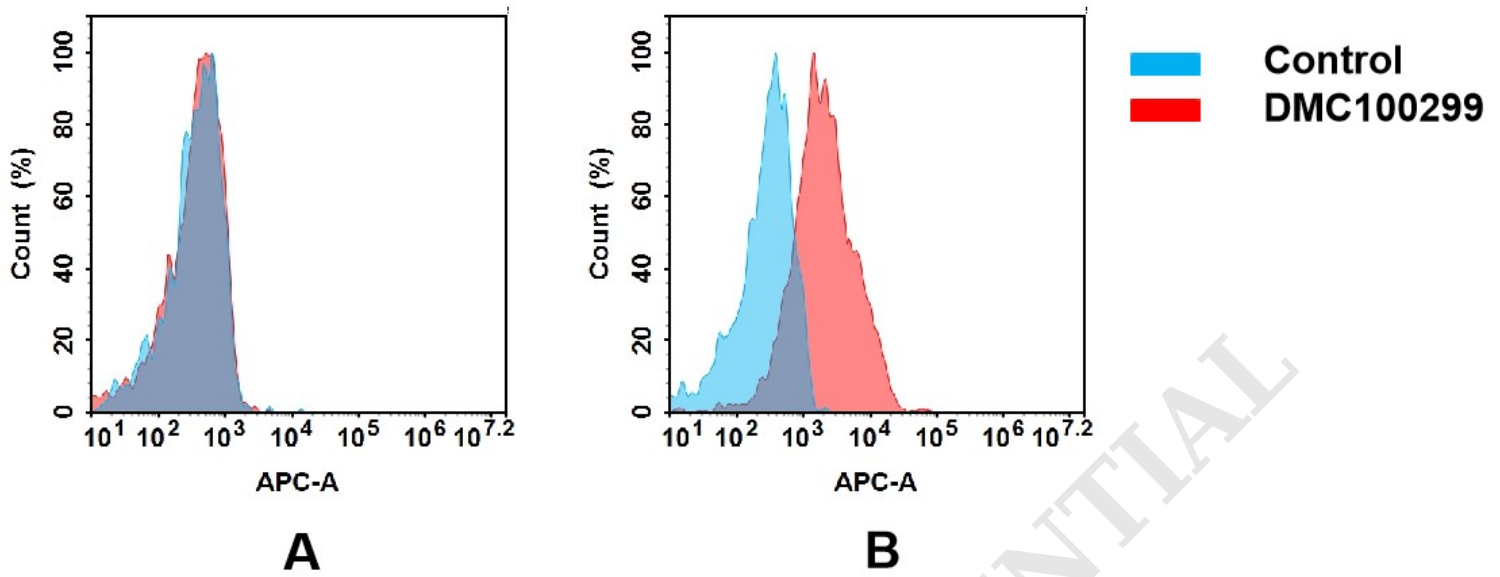


Figure 2. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(DMC100299).

(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  $\mu$ g/mL.

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