

PRODUCT INFORMATION

Clone ID **DMC299 Target** B7-H5

B7-H5; B7H5; C10orf54; DD1alpha; Dies1; GI24; **Synonyms**

PD-1H; PP2135; SISP1; VISTA

Host Species

Anti-B7-H5 antibody(DMC299); IgG1 Chimeric **Description**

mAb Delivery In Stock **Uniprot ID** O9H7M9

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended **Dilutions**

Background

Usage

Flow Cyt 1:100

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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). Research use only

Conjugate Unconjugated

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 **DIMA Disclaimer**

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ensure no IP infringement.

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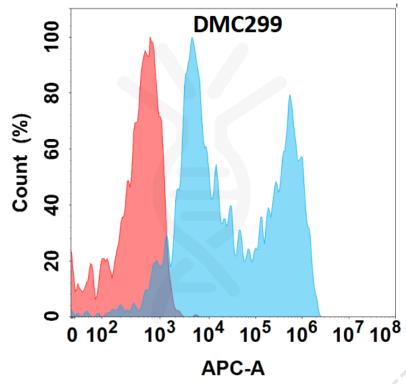


Figure 1. Flow cytometry analysis with Anti-B7H5 (DMC299) on Expi293 cells transfected with human B7H5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

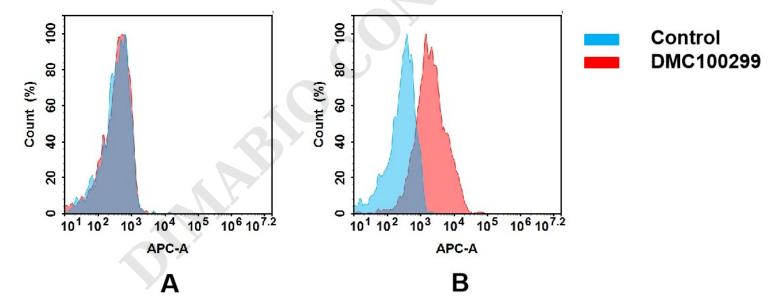


Figure 2. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(DMC100299). (A) DMC100299 does not bind to 293T cells that do not express B7-H5. (B) A clear peak shift of DMC100299 was seen compared to the control when incubated with B7-H5-expressing THP-1 cells, indicating strong binding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

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