

12-9233: Anti-B7H5 antibody(DMC299), IgG1 Chimeric mAb

Clonality : Monoclonal
Clone Name : DMC299
Application : FACS
Reactivity : Human
Alternative Name : B7-H5, B7H5, C10orf54, DD1alpha, Dies1, GI24, PD-1H, PP2135, SISP1, VISTA

Description

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).

Product Info

Amount : 100 µg
Purification : Purified from cell culture supernatant by affinity chromatography
Content : Not Sterile
Storage condition : Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

FACS 1/100

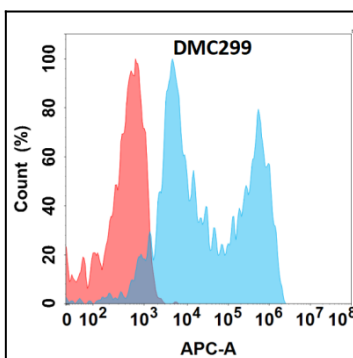


Figure 1. Flow cytometry analysis with Anti-B7H5 (DMC299) on Expi293 cells transfected with human B7H5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

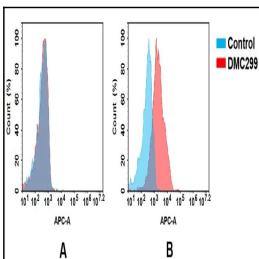


Figure 2. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb. (A) Anti-human B7-H5 mAb does not bind to 293T cells that do not express B7-H5. (B) A clear peak shift of anti-human B7-H5 mAb was seen compared to the control when incubated with B7-H5-expressing THP-1 cells, indicating strong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