

## 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

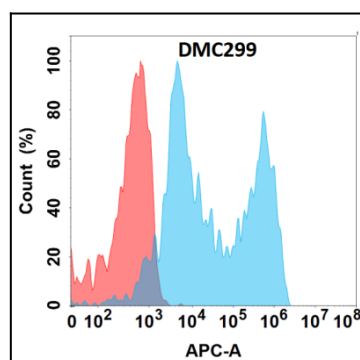


Figure 1. Flow cytometry analysis with Anti-B7H5 (DMC299) on Expi293 cells transfected with human B7H5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

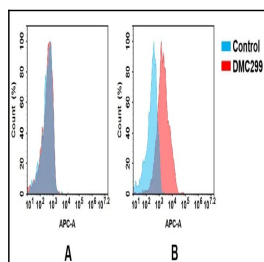


Figure 2. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb. (A) Anti-human B7-H5 mAb does not bind to 293T cells that do not express B7-H5. (B) A clear peak shift of anti-human B7-H5 mAb was seen compared to the control when incubated with B7-H5-expressing THP-1 cells, indicating strong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