

IL4RA (DMC284) IGG1 CHIMERIC MAB

Cat.#: 28192

Product Name: Anti-IL4RA(DMC284) IgG1 Chimeric Monoclonal Antibody

Synonyms: CD124; IL-4RA; IL4RA

Description: Anti-IL4RA antibody(DMC284) IgG1 Chimeric Monoclonal Antibody

Background: This gene encodes the alpha chain of the interleukin-4 receptor; a type I transmembrane protein that can bind interleukin 4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded protein can be produced by proteolysis of the membrane-bound protein; and this soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic variations in this gene have been associated with atopy; a condition that can manifest itself as allergic rhinitis; sinusitis; asthma; or eczema. Polymorphisms in this gene are also associated with resistance to human immunodeficiency virus type-1 infection. Alternate splicing results in multiple transcript variants.

Applications: Flow Cyt

Recommended Dilutions: Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit:Human Fc chimeric IgG1

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human IL4RA

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

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).

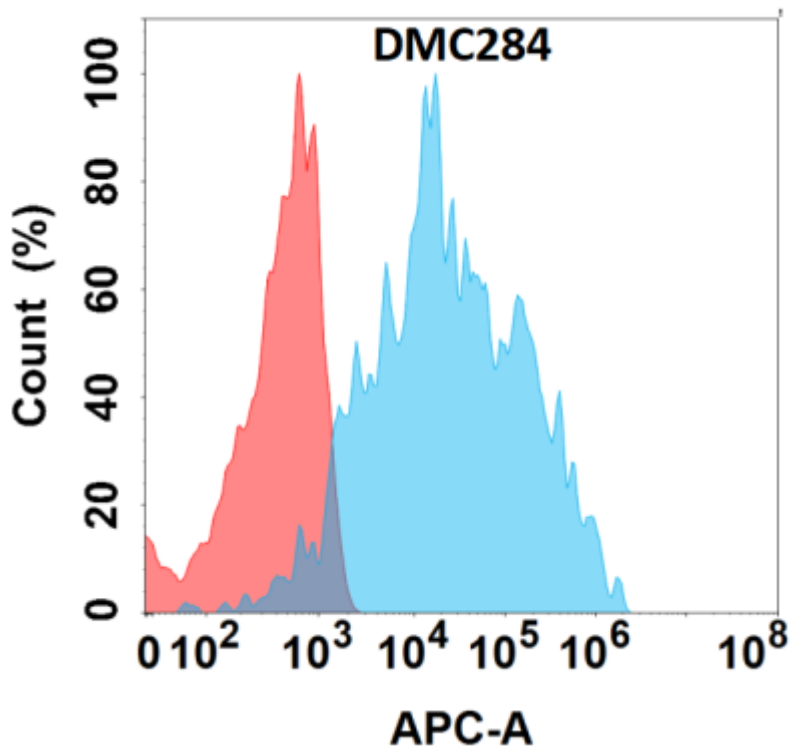


Figure 1. Flow cytometry analysis with Anti-IL4RA (DMC284) on Expi293 cells transfected with human IL4RA (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).