

12-9227B: Biotinylated Anti-IL4RA antibody(DMC284); IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	DMC284
Application :	Flow Cyt
Reactivity :	Human
Gene :	IL4RA
Uniprot ID :	P24394
Alternative Name :	CD124; IL-4RA; IL4RA
Isotype :	IgG1

Description

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.

Product Info

Amount :	10 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	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 of reconstitution.
Storage condition :	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.

Application Note

Flow Cyt 1:100