Cat. No. DMC100284



## **PRODUCT INFORMATION**

Clone ID **DMC284** IL4RA **Target** 

**Synonyms** CD124; IL-4RA; IL4RA

**Host Species** Rabbit

Anti-IL4RA antibody(DMC284); IgG1 Chimeric Description

mAb **Delivery** In Stock **Uniprot ID** P24394

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Background

Flow Cyt 1:100 **Dilutions** 

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

chromatography

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

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; sinusitus; 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.

Usage 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

**DIMA Disclaimer** actively scrutinizing all patent application to

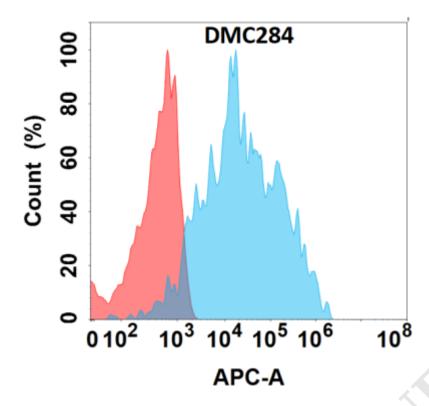
ensure no IP infringement.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com





**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).

Email: info@dimabio.com Website: www.dimabio.com