

12-9227: Anti-IL4RA antibody(DMC284), IgG1 Chimeric mAb

| | |
|---------------------------|----------------------|
| Clonality : | Monoclonal |
| Clone Name : | DMC284 |
| Application : | FACS |
| Reactivity : | Human |
| Alternative Name : | CD124, IL-4RA, IL4RA |

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 : | 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

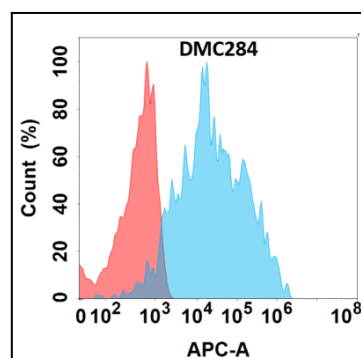


Figure 1. Flow cytometry analysis with Anti-IL4RA (DMC284) on Expi293 cells transfected with human IL4RA (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).