

IL5 (DMC274) IGG1 CHIMERIC MAB

Cat.#: 28182

Product Name: Anti-IL5(DMC274) IgG1 Chimeric Monoclonal Antibody

Synonyms: IL-5;TRF;Interleukin-5;EDF

Description: Anti-IL5 antibody(DMC274) IgG1 Chimeric Monoclonal Antibody

Background: This gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. The encoded cytokine plays a major role in the regulation of eosinophil formation; maturation; recruitment and survival. The increased production of this cytokine may be related to pathogenesis of eosinophil-dependent inflammatory diseases. This cytokine functions by binding to its receptor; which is a heterodimer; whose beta subunit is shared with the receptors for interleukin 3 (IL3) and colony stimulating factor 2 (CSF2:GM-CSF). This gene is located on chromosome 5 within a cytokine gene cluster which includes interleukin 4 (IL4); interleukin 13 (IL13); and CSF2 . This gene; IL4; and IL13 may be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31.

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 IL5

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).

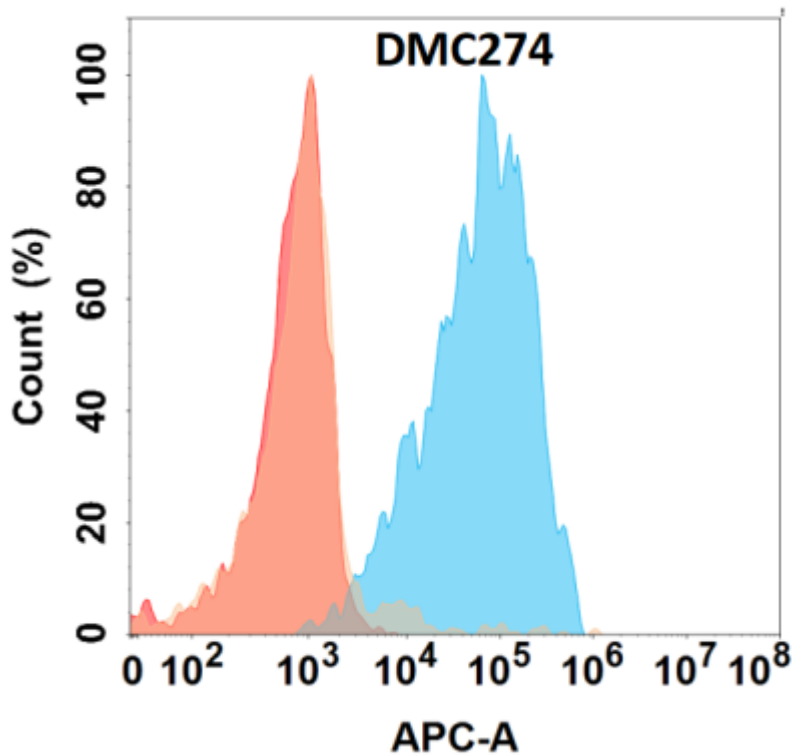


Figure 1. Flow cytometry analysis with Anti-IL5 (DMC274) on Expi293 cells transfected with human IL5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).