

## 12-9217: Anti-IL5 antibody(DMC274), IgG1 Chimeric mAb

**Clonality :** Monoclonal  
**Clone Name :** DMC274  
**Application :** FACS  
**Reactivity :** Human  
**Alternative Name :** IL-5,TRF,Interleukin-5,EDF

### Description

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 interleukine 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.

### 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

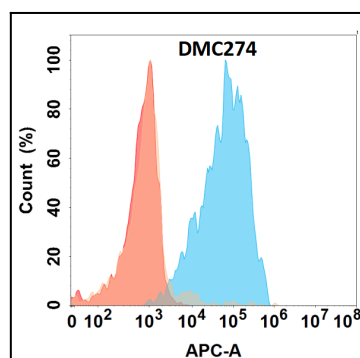


Figure 1. Flow cytometry analysis with Anti-IL5 (DMC274) on Expi293 cells transfected with human IL5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).