

## PRODUCT INFORMATION

<b>Clone ID</b>	DMC274
<b>Target</b>	IL5
<b>Synonyms</b>	IL-5;TRF;Interleukin-5;EDF
<b>Host Species</b>	Rabbit
<b>Description</b>	PE-conjugated Anti-IL5 antibody(DMC274); IgG1 Chimeric mAb
<b>Delivery</b>	3-4 weeks
<b>Uniprot ID</b>	P05113
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	N/A
<b>Storage &amp; Shipping</b>	Store at 2°C-8°C for 6 months

**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 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.

**Usage** Research use only

