

## 12-9217-PE: PE-conjugated Anti-IL5 antibody(DMC274); IgG1 Chimeric mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DMC274
<b>Application :</b>	Flow Cyt
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE-conjugated
<b>Gene :</b>	IL5
<b>Uniprot ID :</b>	P05113
<b>Alternative Name :</b>	IL-5;TRF;Interleukin-5;EDF
<b>Isotype :</b>	Rabbit/Human Fc chimeric IgG1

### 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

<b>Amount :</b>	100 Test
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Liquid PBS with 0.05% Proclin300, 1% BSA
<b>Storage condition :</b>	Store at 2°C-8°C for 6 months

### Application Note

Flow Cyt 1:100