

For Research Use Only

# Anti-Human IL-3 Rabbit Recombinant Antibody

Catalog Number: 98363-1-RR



## Basic Information

Catalog Number:

98363-1-RR

Concentration:

100ug, 1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0829

GenBank Accession Number:

NM\_000588.3

GeneID (NCBI):

3562

UNIPROT ID:

P08700

Full Name:

interleukin 3 (colony-stimulating factor, multiple)

Calculated MW:

17 kDa

Purification Method:

Protein A purification

CloneNo.:

240417E1

Recommended Dilutions:

FC (Intra): 0.25 ug per  $10^6$  cells in a 100  $\mu$ l suspension

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra) : PMA, Ionomycin and Brefeldin A treated human PBMCs,

## Background Information

Interleukin-3 (IL-3) is a multilineage hematopoietic growth factor that promotes the proliferation, differentiation and survival of early multilineage hematopoietic progenitors. In particular, this cytokine plays a key role in stimulating the proliferation and survival of myeloid precursors. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. (PMID: 24103757;2698876;2809196)

## Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

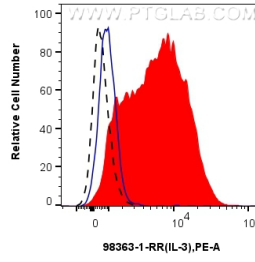
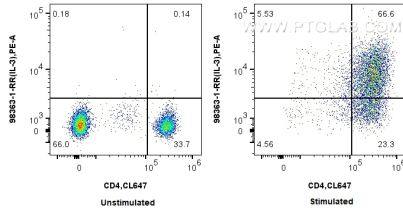
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## Selected Validation Data



1x10<sup>6</sup> untreated or PMA, Ionomycin and Brefeldin A treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-3 Rabbit RecAb (98363-1-RR, Clone: 240417E1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD4. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. Treated human PBMCs were pre-stimulated with anti-human CD3/CD28 and recombinant human IL-



1x10<sup>6</sup> PMA, Ionomycin and Brefeldin A treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-3 Rabbit RecAb (98363-1-RR, Clone: 240417E1) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Untreated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-3 Rabbit RecAb (98363-1-RR, Clone: 240417E1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (black, dashed). Cells

