

For Research Use Only

# Anti-Mouse IL-17A Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98005-1-PBS



## Basic Information

Catalog Number:

98005-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM-010552

GeneID (NCBI):

16171

UNIPROT ID:

Q62386

Full Name:

interleukin 17A

Calculated MW:

17 kDa

Purification Method:

Protein A purification

CloneNo.:

230038C7

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

Mouse

## Background Information

IL-17A, also named as IL-17, is a proinflammatory cytokine. IL-17, synthesized only by memory T cells and natural killer cells, has pleiotropic effects, mainly in the recruitment and activation of neutrophils. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. The IL-17 receptor is a type I transmembrane protein, that is widely expressed on epithelial cells, fibroblasts, B and T cells, and monocytic cells. In psoriatic skin lesions, both Th17 cells and their downstream effector molecules, e.g. IL-17 and IL-22, are highly increased.

## Storage

Storage:

Store at -80°C. Stable for one year after shipment.

Storage Buffer:

PBS only

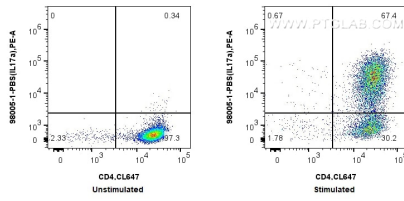
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> unstimulated or PMA and ionomycin stimulated (in the presence of protein transport inhibitors) Th17-polarized splenocytes were intracellularly stained with 0.25 ug Anti-Mouse IL-17A (98005-1-PBS, Clone: 230038C7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) at dilution 1:700, and 0.06 ug CoraLite® Plus 647 Anti-Mouse CD4 (GK1.5) (CL647-65104, Clone: GK1.5). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm

