

For Research Use Only

# IL-2 Polyclonal antibody

Catalog Number: 30199-1-AP



## Basic Information

### Catalog Number:

30199-1-AP

### Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_053836

### GeneID (NCBI):

116562

### UNIPROT ID:

P17108

### Full Name:

interleukin 2

### Calculated MW:

18 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

ELISA, FC (Intra)

### Species Specificity:

rat

## Background Information

IL2 is a secreted cytokine involved in the operation and regulation of immune system. IL2 plays a pivotal role in T-cell activation and effector functions, including T cell proliferation, interferon- $\gamma$  production and cytotoxicity. IL2 can stimulate the propagation of lymphocytes and induce the cytotoxic T lymphocytes and lymphokine-activated killer cells for tumor cells. IL2 also influences memory T cell homeostasis through the regulation of memory T cell numbers and enhances major histocompatibility complex II (MHC II) expression on tumor cells.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

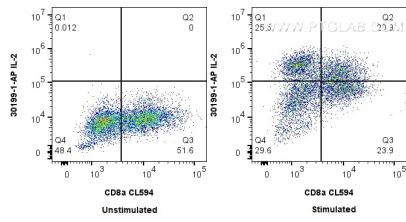
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> PMA and ionomycin treated rat splenocytes cells were intracellularly stained with 0.5 ug Anti-Rat IL-2 (30199-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000, and 0.5 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone: ), and 0.5 ug CoraLite®594 Anti-Rat CD8a (OX-8) (CL594-65180, Clone: OX-8). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).