

For Research Use Only

# IL-2 Polyclonal antibody

Catalog Number: 30199-1-AP



## Basic Information

<b>Catalog Number:</b> 30199-1-AP	<b>GenBank Accession Number:</b> NM_053836	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 116562	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P17108	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 2	
	<b>Calculated MW:</b> 18kd	

## 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

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

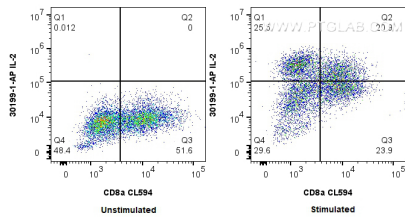
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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).