

For Research Use Only

# IL-2 Polyclonal antibody

Catalog Number: 31506-1-AP



## Basic Information

<b>Catalog Number:</b> 31506-1-AP	<b>GenBank Accession Number:</b> BC070338	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3558	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P60568	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 2	
	<b>Calculated MW:</b> 153 aa, 18 kDa	
	<b>Observed MW:</b> 15-18 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : PMA, A23187 and Brefeldin A treated Jurkat cells,
<b>Species Specificity:</b> Human	

## 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

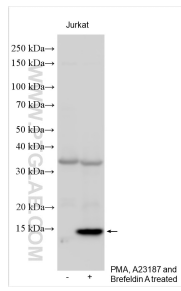
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Untreated, PMA, A23187 and Brefeldin A treated were subjected to SDS PAGE followed by western blot with 31506-1-AP (IL-2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.