

IL-2 Polyclonal antibody

Catalog Number: 31506-1-AP

Basic Information

Catalog Number:

31506-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC070338

GeneID (NCBI):

3558

UNIPROT ID:

P60568

Full Name:

interleukin 2

Calculated MW:

153 aa, 18 kDa

Observed MW:

15-18 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : PMA, A23187 and Brefeldin A treated Jurkat cells,

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- γ 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:

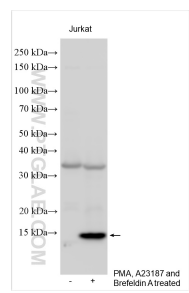
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.