

For Research Use Only

PE Anti-Rat IL-2 Rabbit Recombinant Antibody

Catalog Number: PE-98046



Basic Information

Catalog Number:

PE-98046

Size:

100ug, 200 μ g/ml

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:

Protein A purification

CloneNo.:

240264C7

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

rat

Background Information

Interleukin-2 (IL-2) is a four-helix bundle, type I cytokine that functions as a growth factor for a wide range of leukocytes. In the immune system, IL-2 is essential for immune homeostasis, normal T regulatory cell function, and self-tolerance. It regulates immune cell homeostasis and has been used to treat a range of disorders including cancer and autoimmune disease. IL-2 signals through heterodimerization of the IL-2R β and IL-2R γ receptor subunits (PMID: 25992858, 24907378, 15034008, 17981641).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

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

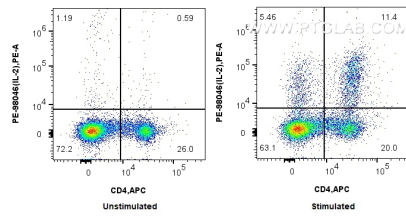
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or PMA, Ionomycin and Brefeldin A treated rat splenocytes were intracellularly stained with 0.1 ug PE Anti-Rat IL-2 Rabbit Recombinant Antibody (PE-98046, Clone: 240264C7). Cells were co-stained with APC Anti-Rat CD4. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).