For Research Use Only

FITC Plus Anti-Human IL-2 Rabbit Recombinant Antibody

Catalog Number:FITC-98053

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
FITC-98053

Size:
100tests , 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0828

GenBank Accession Number:
BC070338

GeneID (NCBI):
3558

UNIPROT ID:
P60568

Full Name:
interleukin 2

Calculated MW:
153 aa, 18 kDa

Purification Method:
Protein A purification

CloneNo.:
240416E3

Excitation/Emission maxima wavelengths:
495 nm / 524 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

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-2Rβ and IL-2Rγ 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, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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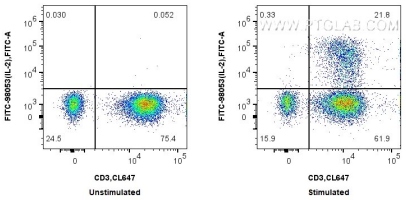
Selected Validation Data



1x10^6 untreated or PMA, Ionomycin and Brefeldin A treated human PBMCs were intracellularly stained with 0.25 ug FITC Plus Anti-Human IL-2 Rabbit RecAb (FITC-98053, Clone: 240416E3) and APC Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (APC-65569, Clone: OKT3). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).