

For Research Use Only

Rat IL-4 Recombinant antibody, PBS Only

Catalog Number: 98255-1-PBS



Basic Information

Catalog Number:

98255-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_201270.1

GeneID (NCBI):

287287

UNIPROT ID:

P20096

Full Name:

interleukin 4

Calculated MW:

16kDa

Purification Method:

Protein A purification

CloneNo.:

241249H7

Applications

Tested Applications:

FC (Intra)

Species Specificity:

rat

Background Information

IL-4 is a cytokine produced by CD4+ T cells in response to helminthes and other extracellular parasites. It promotes the proliferation and differentiation of antigen presenting cells. IL-4 also plays a pivotal role in antibody isotype switching and stimulates the production of IgE. This cytokine has been applied in the treatment of autoimmune disorder like multiple myeloma, cancer, psoriasis, and arthritis. IL-4 has also been extensively applied to inhibit detrimental effect of Th1. It may promote the growth of epithelial tumors by mediating increased proliferation and survival.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

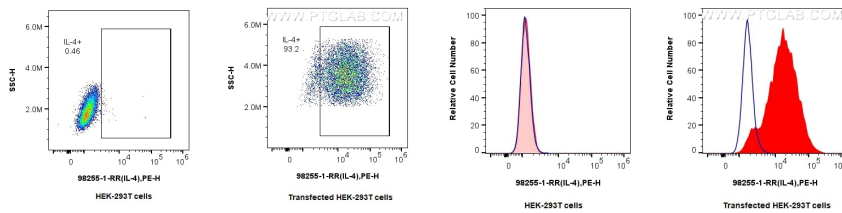
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.com

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Selected Validation Data



1x10⁶ HEK-293T cells or IL-4 transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat IL-4 Rabbit Recombinant Antibody (98255-1-RR, Clone:241249H7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 98255-1-PBS in a different storage buffer formulation.

1x10⁶ HEK-293T cells (left) or IL-4 transfected HEK-293T cells (right) were intracellularly stained with 0.25 ug Anti-Rat IL-4 Rabbit Recombinant Antibody (98255-1-RR, Clone:241249H7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm

