

For Research Use Only

Anti-Human IL-10 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98525-2-PBS



Basic Information

Catalog Number: 98525-2-PBS	GenBank Accession Number: NM_000572.3	Purification Method: Protein A purification
Size: 1mg, 3 mg/ml	GeneID (NCBI): 3586	CloneNo.: 250059F11
Source: Rabbit	UNIPROT ID: P22301	
Isotype: IgG	Full Name: interleukin 10	
Immunogen Catalog Number: EG3296	Calculated MW: 21 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

Interleukin (IL)-10 is an anti-inflammatory cytokine, produced by T helper (Th) cells, macrophages, monocytes, and B cells, that plays a crucial role in preventing inflammatory and autoimmune pathologies. It downregulates the expression of Th1 cytokines, MHC class II antigens, and co-stimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. IL-10 can block NF- κ B activity, and is involved in the regulation of the JAK-STAT signaling pathway. IL-10, along with its receptors, describes an important role in pathogenesis of various diseases, including infectious, inflammatory, autoimmune diseases. IL-10 mutations are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Storage

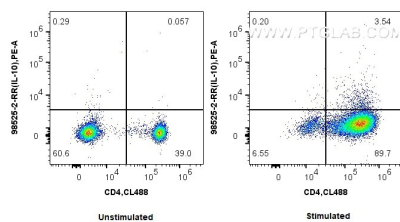
Storage:
Store at -80°C.

Storage Buffer:
PBS only, 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)
E: proteintech@ptglab.com
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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 anti-CD3/CD28, IL-2 and IL-4 treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-10 Rabbit RecAb (98525-2-RR, Clone: 250059F11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 488 Anti-Human CD4 Rabbit Recombinant Antibody (CL488-98042, Clone: 240427E12). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization

