

For Research Use Only

# Anti-Human IL-7 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98206-1-PBS



## Basic Information

<b>Catalog Number:</b> 98206-1-PBS	<b>GenBank Accession Number:</b> NM_000880.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg, 2 mg/ml	<b>GeneID (NCBI):</b> 3574	<b>CloneNo.:</b> 241000F3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13232-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 7	
	<b>Calculated MW:</b> 20 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human

## Background Information

Interleukin-7 (IL-7) is a cytokine involved in B and T cell development. It plays an active role in the development, survival, maintaining and restoring homeostasis of mature T lymphocytes and is a key regulator of the commitment, survival, proliferation and maturation of B cells during development. Furthermore, IL-7 can improve the antiviral function and expansion of natural killer (NK) cells and regulate the development and differentiation of dendritic cells. IL-7 has also been reported as a regulator of the development of central nervous system and myogenesis and skeletal muscle cell migration. (PMID: 29663382; 29655570; 29449560)

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

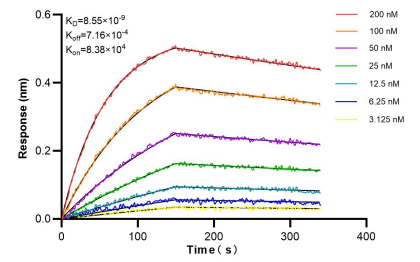
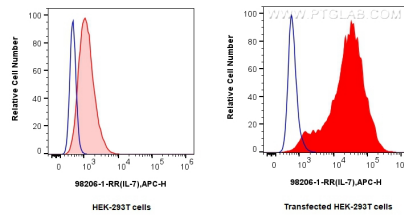
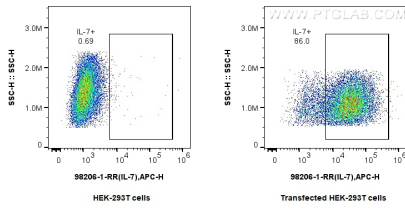
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

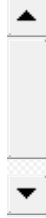
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> HEK-293T cells were intracellularly stained with 0.25 ug Anti-Human IL-7 Rabbit Recombinant Antibody (98206-1-RR, Clone:241000F3) and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005). 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 98206-1-PBS in a



1x10<sup>6</sup> HEK-293T cells (left) or IL-7 transfected HEK-293T cells (right) were intracellularly stained with 0.25 ug Anti-Human IL-7 Rabbit Recombinant Antibody (98206-1-RR, Clone:241000F3) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry



Biolayer interferometry (BLI) kinetic assays of 98206-1-RR against Human IL-7 were performed. The affinity constant is 8.55 nM.