

For Research Use Only

# Anti-Human IL-7 (1C11B11)

Catalog Number: 65281-1-Ig



## Basic Information

Catalog Number:	65281-1-Ig	GenBank Accession Number:	BC047698	Purification Method:	Affinity purification
Concentration:	100ug, 1000 µg/ml	GeneID (NCBI):	3574	CloneNo.:	1C11B11
Source:	Mouse	Full Name:	interleukin 7		
Isotype:	IgG1	Calculated MW:	20 kDa		
Immunogen Catalog Number:	HZ-1281				

## Applications

Tested Applications:  
FC

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

Storage Buffer:  
PBS with 0.09% sodium azide

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

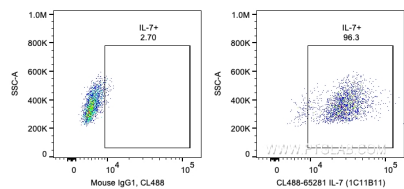
T: 4006900926

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

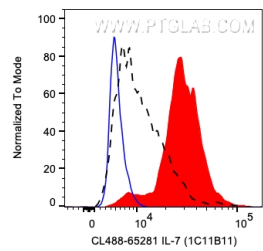
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Selected Validation Data



1X10<sup>6</sup> LPS and Brefeldin A treated human PBMCs were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human IL-7 (CL488-65281, Clone:1C11B11) or Mouse IgG1 Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated. This data was developed using the CoraLite® Plus 488 conjugated antibody of 65281-1-Ig.



1X10<sup>6</sup> LPS and Brefeldin A treated human PBMCs were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human IL-7 (CL488-65281, Clone:1C11B11) (red) or Mouse IgG1 Isotype Control (blue), or unactivated and Brefeldin A treated human PBMCs were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human IL-7 (CL488-65281, Clone:1C11B11) (black, dashed line). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit

