

For Research Use Only

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

Catalog Number: 98206-10-PBS



Basic Information

Catalog Number: 98206-10-PBS	GenBank Accession Number: GeneID (NCBI): 3574	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	UNIPROT ID: P13232	CloneNo.: 252658G1
Source: Rabbit	Full Name: interleukin 7	
Isotype: IgG		
Immunogen Catalog Number: HZ-1281		

Applications

Tested Applications:
IHC, 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, pH7.3

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

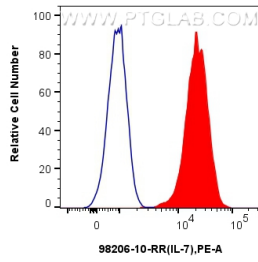
T: 4006900926

E: Proteintech-CN@ptglab.com

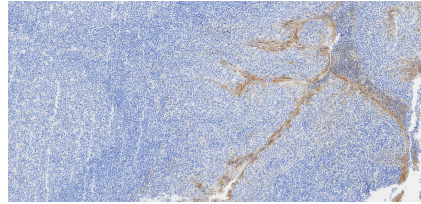
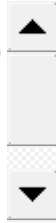
W: ptgcn.com

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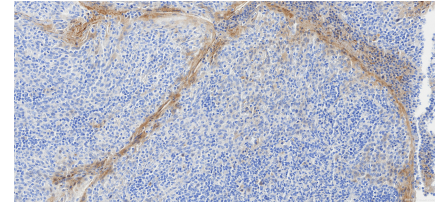
Selected Validation Data



1×10^6 Raji cells were intracellularly stained with 0.25 μ g Anti-Human IL-7 Rabbit RecAb (98206-10-RR, Clone: 252658G1) (red) or 0.25 μ g Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone



Immunohistochemical analysis of paraffin-embedded human tonsil tissue slide using 98206-10-RR (IL-7 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98206-10-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue slide using 98206-10-RR (IL-7 antibody) at dilution of 1:5000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98206-10-PBS in a different storage buffer formulation.