

For Research Use Only

Rat IL-7 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87917-1-PBS



Basic Information

Catalog Number: 87917-1-PBS	GenBank Accession Number: /	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 25647	CloneNo.: 260172C5
Isotype: IgG	UNIPROT ID: P56478	
Immunogen Catalog Number: EG6241	Full Name: interleukin 7	
	Calculated MW: 18 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
rat

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:

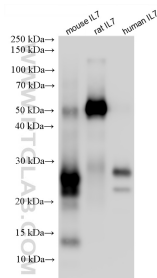
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E: Proteintech-CN@ptglab.com

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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



Various lysates were subjected to SDS PAGE followed by western blot with 87917-1-RR (IL-7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87917-1-PBS in a different storage buffer formulation.