

IL-15 Recombinant monoclonal antibody

Catalog Number: 84512-4-RR

Basic Information

Catalog Number: 84512-4-RR	GenBank Accession Number: BC018149	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3600	CloneNo.: 252837E4
Source: Rabbit	UNIPROT ID: P40933	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: interleukin 15	
Immunogen Catalog Number: HZ-1323	Calculated MW: 18 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : Recombinant protein,
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IHC : human tonsillitis tissue,

Background Information

Interleukin-15 (IL-15) is a cytokine that plays a significant role in the immune system, particularly in the development, proliferation, and activation of immune cells such as natural killer (NK) cells, T cells, and B cells. It is a member of the immunoregulatory cytokines family and is predominantly expressed by myeloid cells, among other cell types. IL-15 serves multiple functions, including dictating T cell response, regulating tissue repair and B cell homing, modulating inflammation, and activating NK cells.

Storage

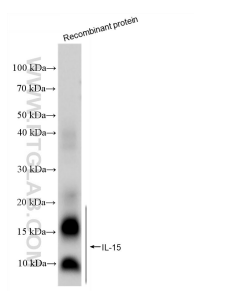
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

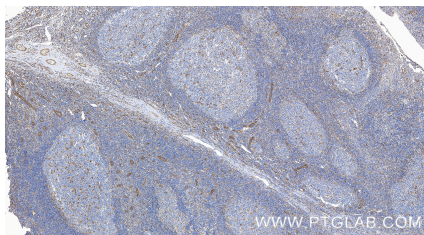
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

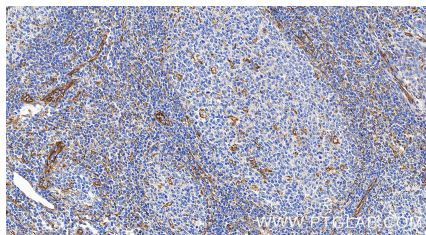
Selected Validation Data



Human IL-15 recombinant protein were subjected to SDS PAGE followed by western blot with 84512-4-RR (IL-15 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84512-4-RR (IL-15 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with .



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84512-4-RR (IL-15 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with .