

For Research Use Only

IL-17A Recombinant monoclonal antibody

Catalog Number: 87785-2-RR



Basic Information

Catalog Number: 87785-2-RR	GenBank Accession Number: NM_002190.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3605	CloneNo.: 252603B3
Source: Rabbit	ENSEMBL Gene ID: ENSG00000112115	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	UNIPROT ID: Q16552	
Immunogen Catalog Number: EG5854	Full Name: interleukin 17A	
	Calculated MW: 18 kDa	
	Observed MW: 14-18 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PMA, Ionomycin and Brefeldin A treated EL-4 cells, Recombinant protein
Species Specificity: human, mouse	

Background Information

IL17A, also named as IL-17, is a proinflammatory cytokine. IL-17, synthesized only by memory T cells and natural killer cells, has pleiotropic effects, mainly in the recruitment and activation of neutrophils. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. The IL-17 receptor is a type I transmembrane protein, that is widely expressed on epithelial cells, fibroblasts, B and T cells, and monocytic cells. In psoriatic skin lesions, both Th17 cells and their downstream effector molecules, e.g. IL-17 and IL-22, are highly increased.

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**

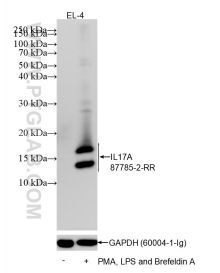
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

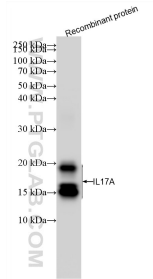
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



PMA, Ionomycin and Brefeldin A treated EL-4 cells were subjected to SDS PAGE followed by western blot with 87785-2-RR (IL17A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Human IL-17A recombinant protein were subjected to SDS PAGE followed by western blot with 87785-2-RR (IL17A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.