

For Research Use Only

IL-11 Recombinant monoclonal antibody

Catalog Number: 87230-1-RR



Basic Information

Catalog Number: 87230-1-RR	GenBank Accession Number: NM_008350.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 16156	CloneNo.: 251204A7
Source: Rabbit	UNIPROT ID: P47873	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: interleukin 11	
Immunogen Catalog Number: EG2935	Calculated MW: 22 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat plasma, rat serum
Species Specificity: mouse, rat	

Background Information

IL-11 is a member of the interleukin family of cytokines. It was discovered in the late 20th century as researchers were exploring various cytokines involved in immune responses and cell growth regulation. IL-11 has significant effects on hematopoietic cells. It can stimulate the proliferation and differentiation of megakaryocytes, which are the precursors of platelets. This action helps in the regulation of platelet production.

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

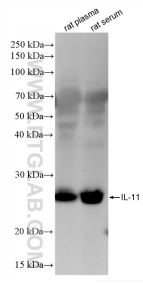
For technical support and original validation data for this product please contact:

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

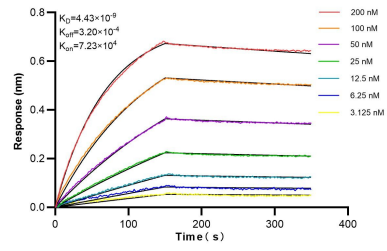
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87230-1-RR (IL-11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87230-1-RR against Mouse IL-11 were performed. The affinity constant is 4.43 nM.