

For Research Use Only

# IL-11 Recombinant monoclonal antibody

Catalog Number: 87230-1-RR



## Basic Information

<b>Catalog Number:</b> 87230-1-RR	<b>GenBank Accession Number:</b> NM_008350.4	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 16156	<b>CloneNo.:</b> 251204A7
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P47873	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Immunogen Catalog Number:</b> EG2935	<b>Full Name:</b> interleukin 11	
	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 25 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : rat plasma, rat serum
<b>Species Specificity:</b> 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

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

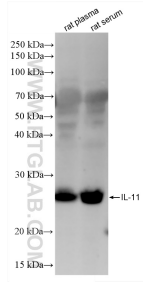
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

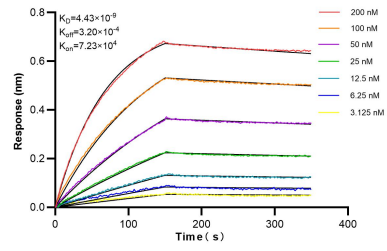
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## Selected Validation Data



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.