

For Research Use Only

# IL-17B Recombinant monoclonal antibody

Catalog Number:87094-1-RR



## Basic Information

<b>Catalog Number:</b> 87094-1-RR	<b>GenBank Accession Number:</b> NM_019508.1	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 56069	<b>CloneNo.:</b> 251217F4
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9QXT6	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Immunogen Catalog Number:</b> EG2785	<b>Full Name:</b> interleukin 17B	
	<b>Calculated MW:</b> 20 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Recombinant protein, Transfected with Mouse IL17b Transfected HEK-293T cells
<b>Species Specificity:</b> mouse	

## Background Information

The interleukin (IL)-17 superfamily, a relatively new family of cytokines, consists of six ligands (from IL-17A to IL-17F), which bind to five receptor subtypes (from IL-17RA to IL-17RE) and induce downstream signaling. IL-17B was originally described as increased during intestinal inflammation. Moreover, it stimulates TNF- $\alpha$  and IL-1 $\beta$  production by the human monocytic leukemia THP-1 cells and promotes neutrophil migration upon intraperitoneal administration, suggesting a pro-inflammatory role. More recent findings strongly suggest a role for the IL-17B/IL-17RB pathway in tumorigenesis.

## 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:

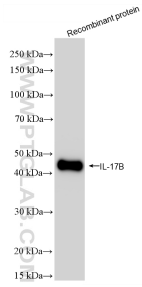
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E: Proteintech-CN@ptglab.com

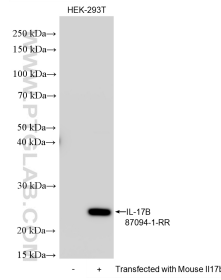
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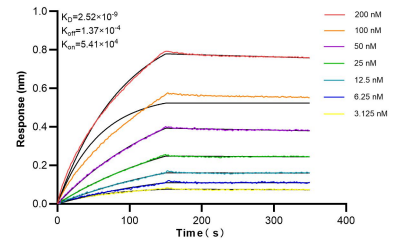
## Selected Validation Data



Mouse IL-17B Recombinant protein (Cat No. Eg4299) was subjected to SDS PAGE followed by western blot with 87094-1-RR (IL17b antibody) at a dilution of 1:2000 incubated at room temperature for 1.5 hours.



Untransfected and mouse IL-17B B-transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 87094-1-RR (IL17b antibody) at a dilution of 1:2000, incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87094-1-RR against Mouse IL-17B were performed. The affinity constant is 2.52 nM.