

For Research Use Only

# IL-17D Monoclonal antibody

Catalog Number: 66143-1-Ig **3 Publications**



## Basic Information

<b>Catalog Number:</b> 66143-1-Ig	<b>GenBank Accession Number:</b> BC036243	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2100 ug/ml by Nanodrop and 1333 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 53342	<b>CloneNo.:</b> 1D7H4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8TAD2	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> interleukin 17D	
<b>Immunogen Catalog Number:</b> AG6762	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Recombinant protein, Recombinant protein protein
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

IL17D is a secreted cytokine with homology to the IL-17 family of proteins. IL17D is preferentially expressed in skeletal muscle, brain, adipose tissue, heart, lung, and pancreas. The treatment of endothelial cells with IL17D has been shown to stimulate the production of other cytokines including IL6, IL8 and CSF2/ GM-CSF. The increased expression of IL8 induced by IL17D was found to be NF-kappa B-dependent.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xuying Liu	34023435	Toxicology	IHC, WB
Canhui Cao	39317187	Cell Genom	
Pingchuan Wang	36736221	Int Immunopharmacol	WB,IHC

## Storage

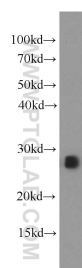
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 66143-1-Ig (IL-17D antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.