

For Research Use Only

# IL-17F Monoclonal antibody

Catalog Number: 60245-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 60245-1-Ig	<b>GenBank Accession Number:</b> BC070124	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 947 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 112744	<b>CloneNo.:</b> 6H5F10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96PD4	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> interleukin 17F	
<b>Immunogen Catalog Number:</b> AG16310	<b>Calculated MW:</b> 163 aa, 18 kDa	
	<b>Observed MW:</b> 37 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human brain tissue,
<b>Cited Applications:</b> IHC	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	

## Background Information

The interleukin 17 (IL-17) family of cytokines contains 6 structurally related cytokines, IL-17A, IL-17B, IL-17C, IL-17D, IL-17E and IL-17F. IL-17 family plays crucial roles in host defense against microbial organisms and in the development of inflammatory diseases. IL-17A is a pro-inflammatory cytokine that also has the capacity to promote angiogenesis and osteoclastogenesis. IL-17F shares the highest homology with IL-17A and signals via a receptor composed by the IL-17RA and IL-17RC subunits. IL-17A and IL-17F can form IL-17A/A or IL-17F/F homodimers, IL-17A/F heterodimers are also formed. IL-17A and IL-17F, produced by the Th17 CD4(+) T cell lineage, have been linked to a variety of inflammatory and autoimmune conditions. IL-17F levels are elevated in sera and lesional psoriatic skin compared to non-lesional tissue. IL-17F also has been implicated in the development of neutrophilic airway inflammation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Cynthia M Magro	39462244	J Cutan Pathol	IHC

## Storage

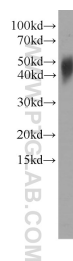
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 60245-1-Ig (IL-17F antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.