

For Research Use Only

# IL-17F Monoclonal antibody, PBS Only



Catalog Number: 60245-1-PBS

## Basic Information

<b>Catalog Number:</b> 60245-1-PBS	<b>GenBank Accession Number:</b> BC070124	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 112744	<b>CloneNo.:</b> 6H5F10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96PD4	
<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

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse

## 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.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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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. This data was developed using the same antibody clone with 60245-1-PBS in a different storage buffer formulation.