

For Research Use Only

IL-17F Monoclonal antibody

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



Basic Information

Catalog Number: 60245-1-Ig	GenBank Accession Number: BC070124	Purification Method: Protein G purification
Size: 947 µg/ml	GeneID (NCBI): 112744	CloneNo.: 6H5F10
Source: Mouse	UNIPROT ID: Q96PD4	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Full Name: interleukin 17F	
Immunogen Catalog Number: AG16310	Calculated MW: 163 aa, 18 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human brain tissue,
Cited Applications: IHC	
Species Specificity: human, mouse	
Cited Species: 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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

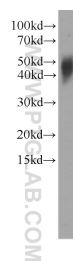
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.