

For Research Use Only

IL-17F Monoclonal antibody

Catalog Number: 60245-1-Ig



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,
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 -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:

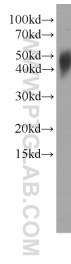
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Selected Validation Data



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.