

IL17F

Mouse Anti-Human IL-17F Clone B-F60 Biotin Detection mAb

Catalog No.	CDM450	Quantity:	100 µg
Alternate Names:	ML1, ML-1, CANDF6, IL-17F		
Description:	Mouse Monoclonal antibody against Human IL-17F Clone B-F60. Background: IL-17F is a member of the IL-17 cytokine family produced by activated CD4 ⁺ T-cells and monocytes. IL-17F is considered an inflammatory cytokine since it induces many proinflammatory cytokines and chemokines. IL-17F shares strongest homology to IL-17A (sharing about 50% amino acid). The IL-17A and IL-17F genes are localized in the same chromosome region. An IL-17A/F biologically active heterodimer was found to be expressed in Th17 cells together with IL-17A and IL-17F homodimers. IL-17F stimulated the production of several other cytokines, including IL6, IL8, and GM-CSF. It also inhibits the angiogenesis of endothelial cells and induces endothelial cells to produce IL2, TGFB1, and MCP-1.		
Concentration:	0.1 mg / ml		
Gene ID:	112744		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c lymph node cells		
Specificity:	Recognizes both Recombinant and Native Human IL-17F		
Host:	Mouse		
Immunogen:	Recombinant Human IL-17F		
Isotype:	IgG2b		
Clone:	B-F60		
Conjugate:	Biotin		
Formulation:	PBS with 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Detection Antibody. This antibody can be used as the detection antibody in a Human IL-17F sandwich Immunoassay to detect Human IL-17F in combination with Human IL-17F capture antibody Clone B-G46 (Cat No CDM416).		
Application Notes:	The antibody concentration range should be optimized by each laboratory for each application. For ELISA and ELISPOT: 0.05-0.5 µg/ml.		
Storage & Stability:	Stable at 2-4°C for 12 months. For longer storage, freeze aliquots. Avoid repeated freeze-thaw cycles.		

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