

IL17F

Mouse Anti-Human IL-17F Clone B-G46 Capture mAb

Catalog No.	CDM416	Quantity:	1 mg
Alternate Names:	ML1, ML-1, CANDF6, IL-17F		
Description:	<p>Mouse Anti-Human IL-17F Clone B-G46 Capture Monoclonal Antibody.</p> <p>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.</p>		
Concentration:	1.0 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-G46		
Conjugate:	Unconjugated		
Formulation:	PBS solution sterile-filtered through a 0.22 µm filter. Carrier and Preservative free.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This mAb can be used as a capture antibody in a human IL-17F sandwich Immunoassay to detect human IL-17F in combination with biotinylated human IL-17F Clone B-F60 biotinylated detection antibody (CDM450).		
Application Notes:	Suggested coating concentration for ELISA is 1-5 µg/ml and for ELISPOT is 5-10 µg/ml. The suggested coating concentration range below should be optimized by each laboratory for each application.		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots. Avoid repeated freeze-thaw cycles.		

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