

IL17F

Mouse Anti-Human IL-17F Clone B-G46 Azide Free mAb

Catalog No.	CDM123	Quantity:	500 µg
Alternate Names:	ML1, ML-1, CANDF6, IL-17F		
Description:	Mouse Anti-Human IL-17F Clone B-G46 azide free Monoclonal Antibody. 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.		
GeneID:	112744		
UniProtKB:	Q96PD4		
Concentration:	1.0 mg / mL		
Conjugate:	Unconjugated		
Specificity:	Recognizes both recombinant and native human IL-17F		
Host:	Mouse		
Isotype:	IgG2bk		
Immunogen:	Recombinant human IL-17F		
Clone:	B-G46		
Formulation:	Liquid in phosphate buffered saline, sterile filtered. Carrier and preservative free.		
Applications:	ELISA		
Application Notes:	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). Suggested concentration range: 1-5 µg/mL, however the optimal concentration should be determined by the user.		
Storage & Stability:	Stable at 2-8 °C or in working aliquots at -20 °C to -80 °C for up to one year. Avoid repeated freeze-thaw cycles.		

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