

IL17A

Mouse Anti-Human IL-17A (Clone B-B51) mAb, Azide Free

Catalog No.	CDM114A CDM114B	Quantity:	200 µg 500 µg
Alternate Names:	Interleukin-17A, Cytotoxic T-lymphocyte-associated antigen 8, CTLA-8		
Description:	Interleukin-17 (IL-17, or IL-17A) is the original member of the IL-17 family of cytokines. IL-17A is involved in inducing and mediating proinflammatory responses, commonly associated with allergic responses and induces the production of many other cytokines (such as IL-6, G-CSF, GM-CSF, IL-1β, TGF-β, TNF-α), chemokines (including IL-8, GRO-α and MCP-1) and prostaglandins (e.g. PGE2) from many cell types (fibroblasts, endothelial cells, epithelial cells, keratinocytes and macrophages). IL-17A function is also essential to a subset of CD4 ⁺ T-Cells called T helper 17 (Th17) cells. High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.		
UniProt ID:	Q16552		
Gene ID:	3605		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both Recombinant and Native Human IL-17A		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c lymph node cells		
Immunogen:	Recombinant Human IL-17A		
Isotype:	Mouse IgG2b Kappa light chain		
Clone:	B-B51		
Formulation:	Sterile filtered PBS, treated to remove endotoxin. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Biological Activity:	Neutralizes the bioactivity of IL-17A on the HaCaT human keratinocyte cell line by measurement of defensin-2 production.		
Applications:	Functional studies, ELISA, ELISpot		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C.		

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