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IL17A
Mouse Anti-Human IL-17A Clone B-B51 Neutralizing Azide Free mAb

Catalog No.	CDM114	**Quantity:**	500 µg
Alternate Names:	IL17, CTLA8, IL-17, IL-17A		
Description:	Mouse Anti-Human IL-17A Clone B-B51 Neutralizing Azide Free monoclonal antibody. 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.		
Concentration:	500 µg/ 500 µl		
Gene ID:	3605		
Hydridoma:	Myeloma X63/AG.8653 x BALB/c lymph node cells		
Specificity:	Recognizes both Recombinant and Native Human IL-17A		
Host:	Mouse		
Immunogen:	Recombinant Human IL-17A		
Isotype:	IgG2b		
Clone:	B-B51		
Formulation:	PBS solution sterile filtered through a 0.22 µm filter. Treated to remove endotoxins. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	Neutralizes the bioactivity of IL-17A by the HaCaT human keratinocyte cell line (production of β defensin-2). The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable for 1 year at 2-4°C or in working aliquots at -20°C for longer storage. **Avoid repeated freeze-thaw cycles.**		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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