

## IL17A

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

<b>Catalog No.</b>	CDM114	<b>Quantity:</b>	500 µg
<b>Alternate Names:</b>	IL17, CTLA8, IL-17, IL-17A		
<b>Description:</b>	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 <sup>+</sup> 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.		
<b>Concentration:</b>	500 µg/ 500 µl		
<b>Gene ID:</b>	3605		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c lymph node cells		
<b>Specificity:</b>	Recognizes both Recombinant and Native Human IL-17A		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant Human IL-17A		
<b>Isotype:</b>	IgG2b		
<b>Clone:</b>	B-B51		
<b>Formulation:</b>	PBS solution sterile filtered through a 0.22 µm filter. Treated to remove endotoxins. Carrier and preservative free.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	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.		
<b>Storage &amp; Stability:</b>	Stable for 1 year at 2-4°C or in working aliquots at -20°C for longer storage. <b>Avoid repeated freeze-thaw cycles.</b>		

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



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