

## IL17A

### Mouse Anti-Human IL-17A Clone B-B51 Biotin Detection mAb

<b>Catalog No.</b>	CDM432	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	IL17, CTLA8, IL-17, IL-17A		
<b>Description:</b>	<p>Mouse Anti-Human IL-17A Clone B-B51 Biotin Detection monoclonal antibody for ELISA and ELISPOT.</p> <p>Background: 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.</p>		
<b>Concentration:</b>	0.1 mg / 1.0 ml		
<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>Conjugate:</b>	Biotin		
<b>Formulation:</b>	PBS solution with 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	ELISA Detection Antibody. This antibody can be used as the detection antibody in a human IL-17A sandwich immunoassay to detect Human IL-17A in combination with Human IL-17A Clone B-C49 Capture Antibody (Cat No CDM408).		
<b>Application Notes:</b>	The suggested antibody concentration range should be optimized by each laboratory for each application. For ELISA and ELISPOT: 0.05-0.5 µg/ml.		
<b>Storage &amp; Stability:</b>	Stable for 1 year at 2-8°C or in working aliquots at -20°C for longer storage. <b>Avoid repeated freeze-thaw cycles.</b>		

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