

IL17A

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

Catalog No.	CDM432	Quantity:	100 µg
Alternate Names:	IL17, CTLA8, IL-17, IL-17A		
Description:	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:	0.1 mg/ml		
Gene ID:	3605		
Hydridoma:	Myeloma X63/AG.8653 x BALB/c node cells		
Specificity:	Recognizes both Recombinant and Native Human IL-17A		
Immunogen:	Recombinant Human IL-17A		
Isotype:	Mouse IgG2b Kappa light chain		
Clone:	B-B51		
Conjugate:	Biotin		
Formulation:	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.		
Applications:	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).		
Application Notes:	The suggested antibody concentration range should be optimized by each laboratory for each application. For ELISA and ELISPOT: 0.05-0.5 µg/ml.		
Storage & Stability:	Stable for 1 year at 2-8°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.

