

IL17A

Mouse Anti-Human IL-17A Clone B-C49 Azide Free mAb

Catalog No.	CDM120	Quantity:	500 µg
Alternate Names:	IL17, CTLA8, IL-17, IL-17A		
Description:	Mouse Anti-Human IL-17A Clone B-C49 Monoclonal Antibody, Carrier and Preservative Free.		

Background: 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-1 β , 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:	1 mg/ml
Gene ID:	3605
Hybridoma:	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:	IgG2bk
Clone:	B-C49
Formulation:	PBS solution sterile filtered through a 0.22 µm filter. Carrier and preservative free.
Purification:	Ion exchange chromatography
Applications:	ELISA
Application Notes:	This antibody can be used as the capture antibody in a Human IL-17A sandwich Immunoassay to detect Human IL-17A in combination with Biotinylated Human IL-17A Clone B-B51 Detection Antibody (Cat No CDM432). Suggested concentration range: Capture Antibody: ELISA: 1-5 µg/ml. ELISPOT: 5-10 µg/ml.
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.

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