IL17A
Mouse Anti-Human IL-17A Clone B-C49 Capture mAb

Catalog No.	CDM408	**Quantity:**	1 mg

Alternate Names: IL17, CTLA8, IL-17, IL-17A

Description: Mouse Anti-Human IL-17A Clone B-C49 Capture 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-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: 1.0 mg / 1.0 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: IgG2b

Clone: B-C49

Conjugate: Unconjugated

Formulation: PBS solution sterile filtered through a 0.22 µm filter. Carrier and preservative free.

Purification: Ion exchange chromatography

Applications: ELISA Capture Antibody. 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).

Application Notes: The suggested coating concentration range should be optimised by each laboratory for each application. ELISA: 1-5 µg/ml. ELISPOT: 5-10 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.**

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