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IL17A

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

Catalog No. CDM120A Quantity: 200 µg

CDM120B 500 μg CDM120C 1.0 mg

Alternate Names: Interleukin-17A, Cytotoxic T-lymphocyte-associated antigen 8, CTLA-8

Description: 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.

UniProt ID: Q16552

Gene ID: 3605

Concentration: 1.0 mg/ml

Specificity: Recognizes both Recombinant and Native Human IL-17A

Hybridoma: Myeloma X63/AG.8653 x BALB/c lymph node cells

Immunogen: Recombinant Human IL-17A

Isotype: Mouse IgG2bκ

Clone: B-C49

Formulation: Sterile filtered PBS, carrier and preservative free.

Purification: Ion exchange chromatography

Application Notes: ELISA: Use as a Capture Antibody at 1-5 μg/ml in a Human IL-17A sandwich ELISA in

combination with Biotinylated Human IL-17A Clone B-B51 Detection Antibody (Cat No

CDM432).

ELISPOT: Use as a Capture Antibody at 5-10 μg/ml.

The suggested coating concentration range should be optimized by each laboratory for

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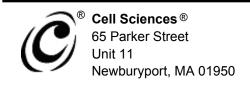
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each application.

Storage & Stability: Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C.

Avoid repeated freeze-thaw cycles.

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