

Anti-Human IL-17A Azide Free

PRODUCT SPECIFICATIONS

Catalogue N°	853.950.000 - 200µg / 200µl 853.950.005 - 500µg / 500µl
Target species	Human
Specificity	Recognizes both recombinant and natural human IL-17A
Clone	B-C49
Application	ELISA ELISpot
Hybridoma	Myeloma X63/AG.8653 x Balb/c node cells
Immunisation	Recombinant human IL-17A
Quantity	200µg or 500µg (Discovery Size also available please enquire)
Isotype	Mouse IgG2b Kappa light chain
Format	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free
Storage	Stable at +2-8°C for 12 months. For longer storage freeze aliquots.

BACKGROUND

Interleukin-17 (IL-17, or IL-17A) is the founding member of a group of cytokines called the IL-17 family. IL-17A, was originally identified as a transcript from a rodent T-cell hybridoma by Rouvier et al. in 1993.

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.

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