



Anti-Mouse IL-17A

Monoclonal Antibody

Clone 20B4

Catalog: MAB-200-IL17A

Specifications and Use

Target: Mouse Interleukin-17A
Host and Isotype: Rat, IgG2a/k
Immunogen: Full length recombinant Mouse IL-17A
Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with no stabilizers or preservatives
Storage: Store at 2-8°C for use within 1-3 weeks or -20°C for long term storage, avoid repeat freeze thaws.

Label: Unlabeled
Physical State: 0.5 mg/mL solution
Endotoxin Level: <0.1EUs/µg

Alternate Target Names: IL-17, CTLA-8

Description:

Interleukin-17A (IL-17A), also known as CTLA-8, is a pro-inflammatory cytokine member of a six-species family of proteins (IL-17A-17F). IL-17A is secreted mainly by activated CD4+ and CD8+ T lymphocytes and acts through its receptor, IL-17R, to induce the expression of many mediators of inflammation, most importantly, those that are involved in the proliferation, maturation and chemotaxis of neutrophils. Elevated levels of IL-17A have been associated with several conditions, including rheumatoid arthritis, airway inflammation, allograft rejection, inflammatory bowel disease, psoriasis, cancer and multiple sclerosis. Human, mouse and rat IL-17A show activity on mouse cells.

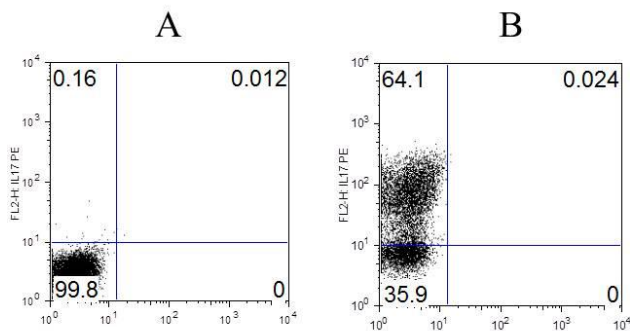
Reported Applications:

Flow Cytometry
Western Blot
ELISA

Recommended Dilution*:

0.1 µg/mL starting
1:1000 starting
No Data

***INVESTIGATORS ARE ADVISED TO TITRATE ANTIBODIES TO REACH OPTIMAL ASSAY CONDITIONS FOR THEIR SPECIFIC NEEDS.**



Mouse splenocytes were cultured under Th17 polarizing conditions. They were then left unstimulated (A) or stimulated with PMA and ionomycin in the presence of a protein transport inhibitor (B) and stained for intracellular IL-17A (y axis) using anti-mouse IL-17A, clone 20B4.

THIS PRODUCT IS FOR RESEARCH USES ONLY! THIS PRODUCT IS NOT FOR USE IN HUMANS!!!

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