



Anti-Human IL-6

Biotin Conjugate Monoclonal Antibody

Clone 33A12

Catalog: MAB-100-IL6BIO

Specifications and Use

Target: Human Interleukin-6
Host and Isotype: Mouse, IgG1/k
Immunogen: Full length recombinant Human IL-6
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: Biotin
Physical State: 0.5 mg/mL solution
Endotoxin Level: <0.1EUs/μg

Alternate Target Names: IFN-β2, B-cell Differentiation Factor, BSF-2, HSF, MGI-2

Description:

Interleukin 6 (IL-6) is an important pro-inflammatory and anti-inflammatory cytokine expressed by T cells, macrophages and muscle cells. IL-6 signals through a receptor complex containing two receptors, IL-6Rα and gp130. IL-6 has an important function in promoting fever and can serve to stimulate an immune response to trauma. IL-6 is often used for growth of hybridoma cell lines. Human IL-6 is active on mouse and rat cells.

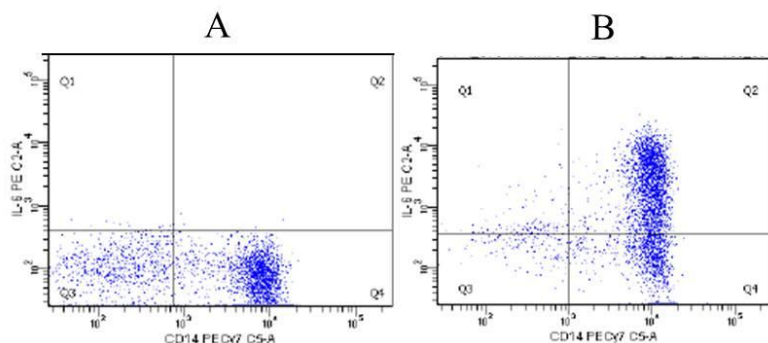
Reported Applications:

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.**



Human PBMCs were left unstimulated (A) or stimulated (B) with 1 ug/mL LPS in the presence of a protein transport inhibitor for 5 hours. Cells were stained with an anti-CD14 antibody (x axis) on the surface and an intracellular stain for anti-IL-6, clone 33A12 (y axis).

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

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