



Anti-Human IL-7 Polyclonal Antibody

Catalog: PAR-100-IL7

Specifications and Use

Target: Human Interleukin-7

Host and Purification: Ig Fraction of Rabbit Serum

Immunogen: Full length recombinant Human IL-7

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 after restoration with 0.1mL deionized water or -20°C for long term storage, avoid repeat freeze thaws.

Size and Label: 100 µg, Unlabeled

Physical State: Lyophilized

Endotoxin Level: <0.1EUs per ug

Alternate Target Names: Lymphopoietin 1 (LP-1), pre-B cell Factor

Description:

Interleukin 7 (IL-7) is a hematopoietic cytokine that is constitutively produced by stromal cells from the bone marrow and thymus. IL-7 signals through the IL-7R to promote the differentiation of hematopoietic stem cells to lymphoid precursor cells, which give rise to T cells, B cells, and natural killer cells. Human and mouse IL-7 show species cross-reactivity in function. Human IL-7 is a 153 amino acid protein, having a molecular mass of 17.4 kDa.

Rabbit anti-human IL-7 recognizes native and recombinant forms of human IL-7 in tissue culture supernatant and other body fluids. A control of similar fluids known to contain no human IL-7 should be used as a control.

Reported Applications:

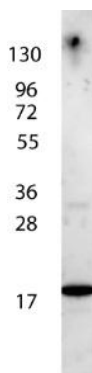
Western Blot
ELISA

Recommended Dilution*:

1:1000 starting
No Data

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

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



Western blot analysis of recombinant human IL-7 (100-11) using rabbit anti-human IL-7 polyclonal antibody and anti-rabbit secondary antibodies. MW of human IL-7 is 17.5 kDa.

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