



# *Anti-Human IL-6 Polyclonal Antibody*

*Catalog: PAR-100-IL6*

## *Specifications and Use*

**Target:** Human Interleukin-6

**Host and Purification:** Ig Fraction of Rabbit Serum

**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 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:** 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. Human IL-6 is a 184 amino acid protein, having a molecular weight of 21 kDa.

### **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!!!**

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