

## IL6

**Reactivity:**Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**24kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human IL6

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bio

**Synonym:**

IL6;BSF2;HGF;HSF;IFNB2;IL-6 ;

**Catalog #:**A0286

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3569

**Isotype:**IgG

**Swiss Prot:**P05231

**Purity:**Affinity purification

For research use only.

**Background:**

Interleukin-6 (IL6) is a multifunctional cytokine with a wide variety of biological functions. IL6 is implicated in the final differentiation of B-cells into immunoglobulin-secreting cells (1), myeloma and plasmacytoma growth (2), nerve cell differentiation, and activation of hepatocytes and mitogen-stimulated helper T cells (3). Upon activation, IL6 induces at least three major signaling pathways: JAK/STAT, PI-3 kinase and MAPK (4,5).

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