

## IL6

**Reactivity:**Human

**Tested applications:**WB IHC FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100 FC1:20 - 1:50

**Calculated MW:**24kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human IL6

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bio

**Synonym:**

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

**Catalog #:**A2447

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3569

**Isotype:**IgG

**Swiss Prot:**P05231

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis.

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