

IL6

Reactivity: Human

Tested applications: WB IHC FC

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