

Mouse Anti-IL-6 antibody

SLM-43079M

Product Name	IL-6
Chinese Name	白介素 6 单克隆抗体
Alias	IL6; Interleukin BSF 2; B cell differentiation factor; B cell stimulatory factor 2; BSF 2; BSF2; CDF; CTL differentiation factor; Cytotoxic T cell differentiation factor; Hepatocyte stimulating factor; HGF; HPGF; HSF; Hybridoma growth factor; Hybridoma plasmacytoma growth factor; IFNB2; IL 6; IL6 protein; Interferon beta 2; Interleukin 6 (interferon beta 2); Interleukin 6; Interleukin-6; IL6_HUMAN; Interleukin6.
Research Area	Tumour Cell biology immunology Neurobiology Signal transduction Growth factors and hormones Kinases and Phosphatases glycoprotein
Immunogen Species	Mouse
Clonality	Monoclonal
React Species	Human WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	23kDa
Cellular localization	cytoplasmic Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	Recombinant human IL-6 protein: 30-212/212
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

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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. [provided by RefSeq, Jun 2011].

SWISS:
P05231

Gene ID:
3569

Database links:

Product Detail

[Entrez Gene: 3569](#) Human

[Entrez Gene: 16193](#) Mouse

[Entrez Gene: 24498](#) Rat

[Omim: 147620](#) Human

[SwissProt: P05231](#) Human

[SwissProt: P08505](#) Mouse

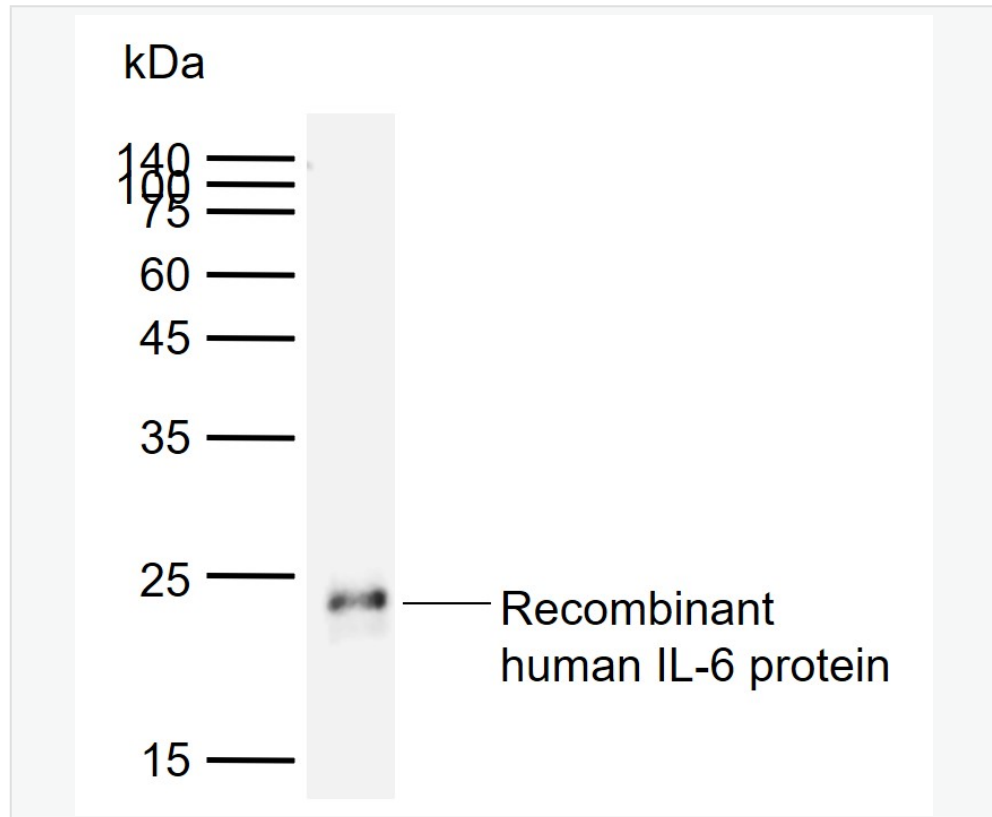
[SwissProt: P20607](#) Rat

[Unigene: 654458](#) Human

[Unigene: 1019](#) Mouse

[Unigene: 9873](#) Rat

Product Picture



Sample:

Lane 1: Recombinant human IL-6 protein(SL43079P)

Primary: Anti-IL-6 (SLM-43079M) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution

Predicted band size: 23 kDa

Observed band size: 23 kDa