

IL-6 Recombinant antibody

Cat: B09009R

Company: HaoKebio

Uniprot ID: P05231

Applications: IHC:1:100-1:200

Organism: Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human Mouse Rat

IHC-TSA:1:500-1:1000

WB:1:500-1:2000

Background:

Interleukin-6 (IL-6) is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. IL-6 protein is secreted by a variety of cell types including T cells and macrophages as phosphorylated and variably glycosylated molecule. IL-6 plays an essential role in the final differentiation of B-cells into Ig-secreting cells involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. IL-6 is also considered a myokine, a cytokine produced from muscle, and is elevated in response to muscle contraction. IL-6 has been shown to interact with interleukin-6 receptor and glycoprotein 130. Additionally, IL-6 is involved in hematopoiesis, bone metabolism, and cancer progression, and has been defined an essential role in directing transition from innate to acquired immunity.

Protein full name:

interleukin 6 (interferon, beta 2)

Synonyms:

IL6, Interleukin 6, Interferon beta-2, IL 6, IFN-beta-2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Secreted

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

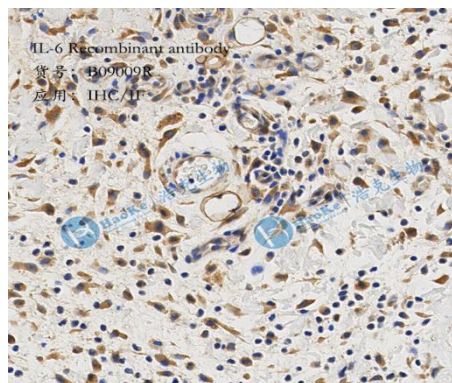
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse tumor, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:IL-6(B09009R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:IL-6(B09009R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.