

IL-10 Recombinant antibody

Cat: B09002L

Company: HaoKebio

Uniprot ID: P22301

Applications: IHC:1:50-1:200

Organism: Rabbit

IHC-Polymer:1:200-1:800

Species reactivity: Human Mouse Rat

IHC-TSA:1:250-1:1000

Molecular Weight Calculation: 19 kDa

WB:1:500-1:2000

Observed Molecular Weight: 21 kDa

Background:

Interleukin (IL)-10 is an anti-inflammatory cytokine, produced by T helper (Th) cells, macrophages, monocytes, and B cells, that plays a crucial role in preventing inflammatory and autoimmune pathologies. It downregulates the expression of Th1 cytokines, MHC class II antigens, and co-stimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. IL-10 can block NF- κ B activity, and is involved in the regulation of the JAK-STAT signaling pathway. IL-10, along with its receptors, describes an important role in pathogenesis of various diseases, including infectious, inflammatory, and autoimmune diseases. IL-10 mutations are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Protein full name:

interleukin 10

Synonyms:

IL-10, IL10, 8E4B6, CSIF, IL 10, IL10

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm, Secreted

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

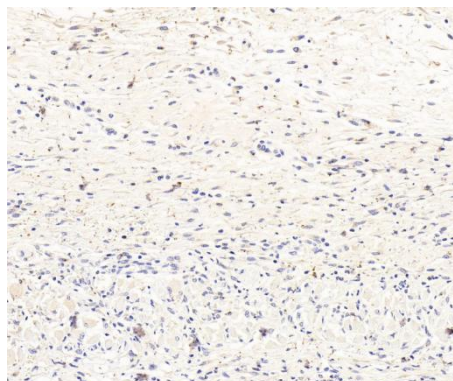
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), 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: Human tumor, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:IL-10(B09002L) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.