

IL1beta Recombinant antibody

Cat: B09003L

Company: HaoKebio

Uniprot ID: P01584

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: 31 kDa

WB:1:500-1:2000

Observed Molecular Weight: 31 kDa

Background:

Interleukin-1, produced mainly by blood monocytes, mediates the panoply of host reactions collectively known as acute phase response. It is identical to endogenous pyrogen. The multiple biological activities that define IL1 are properties of a 15- to 18-kD protein that is derived from a 30- to 35-kD precursor. Interleukin 1 β (IL-1B) is a member of the interleukin 1 cytokine family. It is a pro-inflammatory cytokine against infection, playing an important role in the pathogenesis of cancers. It signals through various adaptor proteins and kinases that lead to activation of numerous downstream targets.

Protein full name:

interleukin 1 beta

Synonyms:

IL 1 beta, IL-1 beta, Il1b, interleukin 1 beta, Interleukin-1 beta

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

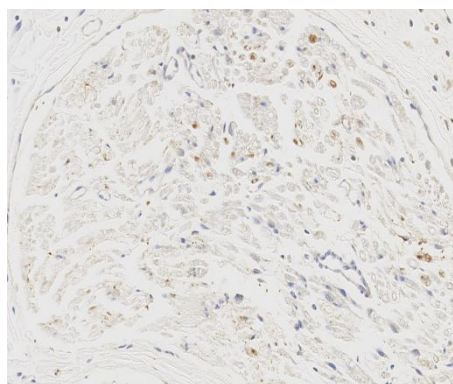
Storage:

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: Mouse sciatic, 4% PFA 12-24h

Source of Reagents:

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