

Granzyme B Recombinant antibody

Cat: B07007R

Company: HaoKebio

Uniprot ID: P04187

Applications: IHC:1:500-1:2000

Organism: Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity: Human Mouse Rat

IHC-TSA:1:2500-1:10000

IF:1:50-1:100

WB:1:500-1:1000

Background:

GZMB(Granzyme B) is also named as CGL1, CS PB, CTLA1, GRB and belongs to the Granzyme subfamily. This enzyme is necessary for target cell lysis in cell-mediated immune responses. The cytotoxic lymphocyte protease granzyme B (Gzm B) can promote apoptosis through direct processing and activation of members of the caspase family. GzmB can also cleave the BH3-only protein, BID, to promote caspase-independent mitochondrial permeabilization (PMID:17283187). GzmB induces laminB degradation in isolated nuclei less efficiently than GzmA (PMID:11331782). This full length protein has 2 glycosylation sites and a signal peptide. Unglycosylated human granzyme B is 26 kDa and high mannose glycosylated is 32 kDa and only 32kDa or smaller forms of granzyme B are accumulated within nuclei (PMID:8626751). GzmB also forms dimers.

Protein full name:

granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)

Synonyms:

GZMB, CSP B, CGL1, CGL 1, CCPI

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.

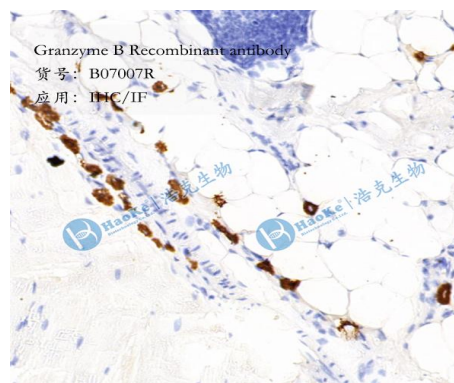
Storage:

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 lungs, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Granzyme B(B07007R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Granzyme B(B07007R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

