

Granzyme B Recombinant antibody

Cat:B32019R
Company: Haokebio

Uniprot ID:P10144

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Granzyme B is a serine protease that mediates the apoptotic signaling pathways of cytotoxic T lymphocytes (CTLs) and natural killer (NK) cells. Granzyme B is synthesized as an inactive protease, stored in cytolytic granules, and released during the degradation of effector cells. Studies have shown that Granzyme B is expressed in peripheral T-cell lymphoma (PTCL) and NK-cell lymphoma when detected by immunohistochemical techniques. The expression of cytotoxic proteins—such as Granzyme B—may play a crucial role in the differentiation and classification of peripheral T-cell and NK-cell lymphomas, as many tumors of this type lack specific morphology and phenotype.

Protein full name:

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

Synonyms:

GZMB, Cathepsin G-like 1, CCPI, CGL 1, CGL 1

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

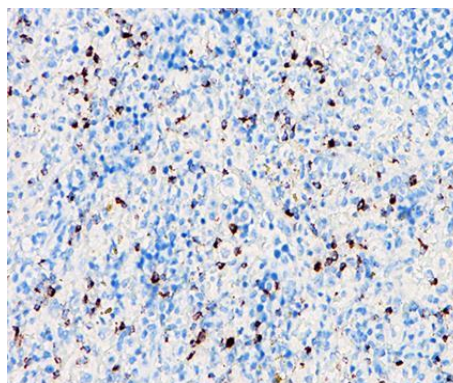
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 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 spleen tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:Granzyme B(B32019R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.