

Growth Hormone Monoclonal antibody

Cat:B32139R
Company: Haokebio

Uniprot ID:P01241

Applications: IHC:1:100-1:200

Organism:Mouse

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Growth Hormone (GH), also known as somatotropin, is the primary hormone responsible for regulating overall body growth and also plays an important role in organic metabolism. It is synthesized by acidophilic cells or somatotrophs in the anterior pituitary gland. Growth hormone indirectly stimulates growth by promoting the liver to produce somatomedins, which then act directly on bones and soft tissues to induce growth. Growth hormone exerts direct metabolic effects on the liver, adipose tissue, and muscles. Generally, it promotes protein synthesis, preserves carbohydrates, and consumes fat stores. The use of Human Growth Hormone (HGH) detection to identify specific antigens of interest in normal and tumor tissues is recommended as an auxiliary tool for routine histopathology.

Protein full name:

GH1

Synonyms:

GH, GH1, 4G8, GH 1, GH-N

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.

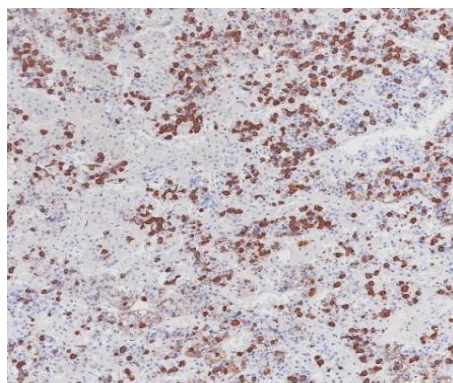
Storage:

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 pituitary gland tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:Growth Hormone(B32139R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.