

Recombinant

Growth Hormone (BPM6190) Mouse mAb

db30158

Package : 100μL

Product Name : Growth Hormone (BPM6190) Mouse mAb**Cat.No.:** db30158**Synonyms :** GH; GHN; GH-N; GHB5; hGH-N; IGHD1B**Application :** IHC**Reactivity :** Human**Host species :** Mouse**Background**

Growth hormone (GH), somatotropin, is the primary hormone responsible for regulating overall body growth and is also important in organic metabolism. It is synthesized by acidophilic or somatotrophic cells of the anterior pituitary gland. GH stimulates growth indirectly by promoting the liver's production of somatomedins, which act directly on bone and soft tissue to cause growth. GH exerts direct metabolic effects on the liver, adipose tissue and muscle. In general, growth hormone enhances protein synthesis, conserves carbohydrates and uses up fat stores.

Immunogen

Synthetic peptide corresponding to Human Growth Hormone protein was used as an immunogen. The exact sequence is proprietary

Swiss Prot

P01241

Synonyms

GH; GHN; GH-N; GHB5; hGH-N; IGHD1B

Reactivity

Human

Application

IHC

Recommended dilution

IHC: 1:100-1:200

Calculated MW

25 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

BPM6190

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.

- Immunohistochemistry of paraffin-embedded human prepituitary gland using Growth Hormone antibody at dilution of 1:200 (200x lens).