

**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 somatotropic 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

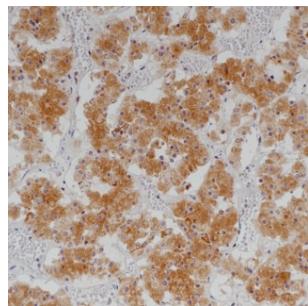
**Conjugation**

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).