



# Mouse Anti-Human Growth Hormone (GH) monoclonal antibody, clone JID700 (CABT- L3004)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
<b>Specificity</b>	Human Growth Hormone (GH)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JID700
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Reconstitution</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
<b>Positive Control</b>	Pituitary
<b>Format</b>	Liquid
<b>Size</b>	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml

<b>Buffer</b>	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA
<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C. Do not freeze.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Growth Hormone (GH or hGH) is a peptidic hormone produced by somatotrophs of the anterior pituitary gland. Anti-Growth Hormone stains somatotrophs in normal pituitary tissues and is useful in identifying pituitary tumors, and understanding pituitary disease or acromegaly. Studies have also found Anti-GH to stain non-pituitary cells, such as hepatocellular carcinoma and cutaneous lesions.
<b>Keywords</b>	GH;growth hormone;GH1;somatotropin;growth hormone 12;