



# Magic™ Anti-hGH monoclonal antibody, clone HiH3 (DCAB-TJ187)

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

## PRODUCT INFORMATION

Specificity	Human Growth Hormone
Immunogen	Purified recombinant human growth hormone (hGH).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	HiH3
Affinity Constant	Not Determined
Purification	≥ 95% pure. Protein G Chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pair for sandwich Suggested pair for testing (Capture - Detection): DCAB-TJ187 - <a href="#">DMAB-1289MH</a>
Format	Purified, Liquid
Concentration	4.5 mg/mL (OD280 nm, E0.1% = 1.4)
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide

**Storage**

Store at 2-8°C.

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## BACKGROUND

**Introduction**

Growth hormone (GH or HGH), also known as somatotropin or somatropin, is a peptide hormone that stimulates growth, cell reproduction and regeneration in humans and other animals. It is a type of mitogen which is specific only to certain kinds of cells. Growth hormone is a 191-amino acid, single-chain polypeptide that is synthesized, stored, and secreted by somatotrophic cells within the lateral wings of the anterior pituitary gland.

**Keywords**hGH; Growth hormone; GH; HGH

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## GENE INFORMATION

**Entrez Gene ID**[2688](#)**UniProt ID**[B1A4G6](#)

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