



Magic™ Anti-hGH monoclonal antibody, clone N0520292 (DCABY-4734)

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

PRODUCT INFORMATION

Immunogen	Human growth hormone antibody was raised in mouse using growth hormone as the immunogen.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N0520292
Conjugate	Unconjugated
Applications	ELISA Pr*, WB Suggested pair for testing: DCABY-4734 - DCABY-4735
Format	Liquid
Size	1 mg
Buffer	10 mM TRIS, pH 7.5, with 0.15M NaCl, and 0.05% NaN ₃ .
Preservative	0.05% Sodium Azide
Storage	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction	Growth hormone (GH) is a protein-based peptide hormone. It stimulates growth, cell
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reproduction and regeneration in humans and other animals. Growth hormone is a 191-amino acid, single-chain polypeptide that is synthesized, stored, and secreted by the somatotroph cells within the lateral wings of the anterior pituitary gland. Somatotropin refers to the growth hormone 1 produced naturally in animals, whereas the term somatropin refers to growth hormone produced by recombinant DNA technology, and is abbreviated "HGH" in humans.

Keywords	Human Growth Hormone; Somatotropin; hGH;
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GENE INFORMATION

Entrez Gene ID	2688
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UniProt ID	B1A4G6
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