

Product datasheet for **DM1015**

Growth Hormone (GH1) Mouse Monoclonal Antibody [Clone ID: YC6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YC6
Applications:	ELISA, R
Recommended Dilution:	Radioimmunoassay. ELISA: This antibody can be used as a Capture antibody in Sandwich ELISA applications for hGH detection in combination with a hGH monoclonal Tracer/Detection Antibody Clone YC8 (HRP-conjugated <i>Cat.-No</i> AM09304HR-N or Biotin conjugated <i>Cat.-No</i> AM09304BT-N).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified Recombinant Human GH (hGH)
Specificity:	This monoclonal antibody reacts with natural and recombinant hGH.
Formulation:	0.01M PBS, pH 7.2 without preservatives State: Aff - Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with Double distilled water to adjust the final concentration to 1.0 mg/ml.
Concentration:	1.0 mg/ml (after reconstitution)
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	growth hormone 1
Database Link:	Entrez Gene 2688 Human P01241



[View online »](#)

Background: Human growth hormone (hGH) plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. The effects of hGH in the body can be generally described as anabolic. It stimulates amino acid uptake and protein synthesis in muscle and other tissues.

Synonyms: Pituitary growth hormone, Growth hormone 1, HGH