

Mouse hGH Monoclonal Antibody | anti-hGH antibody

mAb anti-hGH

CATALOG # AAA77940	HOST Mouse	REACTIVITY Human. Others not tested	APPLICATIONS ELISA
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PRODUCT SYNONYMS

hGH; Monoclonal Antibody; mAb anti-hGH; Human Growth Hormone (hGH); Mouse monoclonal antibody to human growth hormone (hGH); anti-hGH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not tested
Clonality	Monoclonal
Isotype	IgG2a,kappa
Clone Number	YC6
Specificity	This monoclonal antibody reacts with natural and recombinant hGH. The affinity constant measured by Friguet's (1985) method is $1.7 \times 10^{10}/M$.
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.2
Applicable Applications for anti-hGH antibody	ELISA
Target Protein	Human growth hormone (hGH)
Immunogen	Purified recombinant hGH
Fusion Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/mL.
Product Type	Primary antibody - capture antibody in matched antibody pair
Research Area	Hormone, growth and development
Preparation and Storage	Store at -20°C

ADDITIONAL INFORMATION

Related Product Information for anti-hGH antibody	Human growth hormone (hGH) is a 191 amino acid polypeptide secreted by the pituitary gland in the brain. The hormone is critical for height increase and stature development before puberty, and is needed for maintaining healthy organ and vitality in adults. hGH inadequacy during childhood results in short stature and over secretion of hGH causes gigantism. hGH is regulated primarily by somatotropin and somatostatin, which are released from hypothalamus in response to physiological signals such as age, gender nutrition, exercise, stress and sleep etc.
Product Categories/Family for anti-hGH antibody	Primary antibody-capture antibody in matched antibody pair ; Monoclonal Antibodies to Human Hormone

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hgh-antibody-clone-yc6-elisa/77940>