

Mouse hGH Monoclonal Antibody | anti-hGH antibody

HRP conjugated mAb anti-hGH

CATALOG # AAA77922	HOST Mouse	REACTIVITY Human. Others not tested
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PRODUCT SYNONYMS

hGH; Monoclonal Antibody; HRP conjugated mAb anti-hGH; Human Growth Hormone (hGH) (*HRP Labeled); Horseradish peroxidase (HRP) conjugated mouse monoclonal antibody to human growth hormone (hGH); anti-hGH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not tested
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	YC8
Specificity	This monoclonal antibody reacts with natural and recombinant hGH. The affinity constant measured by Friguet's (1985) method is $1.7 \times 10^{10}/M$. Human Growth Hormone (hGH) (*HRP Labeled)
Purity/Purification	Protein G affinity purified
Form/Format	Mixture of 50% glycerol and 50% PH7.2 0.01M PBS. Final PH = 7.0 ± 0.1 .
Target Protein	Human growth hormone (hGH)
Immunogen	Purified recombinant hGH
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Product Type	Tracer antibody in matched antibody pair, HRP conjugated.
Research Area	Hormone, growth and development
Intended Uses	Tracer*
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-hGH antibody	Description: Horseradish peroxidase (HRP) conjugated mouse monoclonal antibody to human growth hormone (hGH). Background: 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 somatocrinin and somatostatin, which are released from hypothalamus in response to physiological signals such as age, gender nutrition, excise, stress and sleep etc.
Product Categories/Family for anti-hGH antibody	Tracer antibody in matched antibody pair ; HRP conjugated ; Matched Antibody Pairs to Human Hormones

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-yc8-elisa/77922>