

Somatotropin / Growth Hormone (GH1) Antibody

Catalogue No.: abx021202

Somatotropin / Growth Hormone (GH1) Antibody is a Mouse monoclonal antibody for detection of Human Somatotropin / Growth Hormone (hGH1).

For a sandwich immunoassay, it is recommended to use abx021202 (this product) as the capture antibody and [abx021201](#), [abx021203](#) or [abx021204](#) as the detection antibody.

Target:	Somatotropin / Growth Hormone (GH1)
Clonality:	Monoclonal
Reactivity:	General
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	hGH isolated from human pituitary gland
Isotype:	IgG ₁ Kappa
Form:	Liquid
Purity:	> 90% (SDS-PAGE)
Purification:	Purified from ascites by Protein A chromatography, followed by 0.2 µm filtration.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P01241 (UniProt , ExPASy)
Gene Symbol:	GH1
GeneID:	2688
OMIM:	139250

Datasheet

Version: 2.0.0
Revision date: 06 Sep 2025



HGNC: 4261

KEGG: hsa:2688

Ensembl: ENSG00000259384

String: [9606.ENSP00000312673](#)

Buffer: 10 mM phosphate, pH 7.4, 150 mM NaCl and 0.1% NaN₃.

Specificity: Cross-reactivity:
Synthetic hGH (Somatorm): 100%
Human Placental Lactogen: < 0.02%
Human Prolactin: < 0.02%

Concentration: 5.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Directions for use: Centrifuge before opening to ensure complete recovery of vial contents.

For Reference Only