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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Growth Hormone/GH1 Antibody Picoband® APC Conjugated

Catalog Number: RP1023-APC

About GH1

Growth Hormone (GH) is mapped to 17q22-q24. Growth hormone (GH) is synthesized by acidophilic or somatotropic cells of the anterior pituitary gland. Human growth hormone has a molecular mass of 22,005 and contains 191 amino acid residues with 2 disulfide bridges. It binds two receptor molecules and thereby induces signal transduction through receptor dimerization. At high concentrations, GH acts as an antagonist because of a large difference in affinities at the respective binding sites.

Overview

Product Name	Anti-Growth Hormone/GH1 Antibody Picoband® APC Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P01241

Technical Details

Immunogen	E. coli-derived human GH recombinant protein (Position: F27-F217).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-Growth Hormone/GH1 Antibody - APC

For Research Use Only. Not for use in diagnostic procedures.