

## Anti-Growth Hormone/GH1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: RP1024-Fluoro647

### About Gh1

Growth Hormone (GH) is mapped to 17q22-q24. Growth hormone (GH) is synthesized by acidophilic or somatotrophic 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® Fluoro647 Conjugated  |
| Reactive Species     | Mouse  |
| Application          | Flow Cytometry   |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.         |
| Host                 | Rabbit   |
| Uniprot ID           | P06880   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E. coli-derived mouse GH recombinant protein (Position: F27-F216).        |
| Cross Reactivity    | No cross-reactivity with other proteins                                   |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro647<br>Excitation Wavelength: 650 nm<br>Emission Wavelength: 665 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.      |

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