

## Mouse Growth Hormone Monoclonal Antibody

Human Growth Hormone antibody

|                              |                      |                                                 |
|------------------------------|----------------------|-------------------------------------------------|
| CATALOG #<br><b>AAA74671</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Immunoblot, Western Blot</b> |
|------------------------------|----------------------|-------------------------------------------------|

### PRODUCT SYNONYMS

Growth Hormone; Monoclonal Antibody; Human Growth Hormone antibody; Monoclonal Human Growth Hormone; Anti-Human Growth Hormone; hGH; Somatotropin; anti-Growth Hormone antibody

### PRODUCT SPECIFICATIONS

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality                                                | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype                                                  | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone Number                                             | M0410182                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form/Format                                              | Liquid in 150mM NaCl, 10mM Tris, pH 7.5 with 0.05% NaN <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration                                            | 5.5mg (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-Growth Hormone antibody | IB (Immunoblot), IA (Immunoassay)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen                                                | Purified natural growth hormone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Assay Information                                        | Matched pair antibody available for Human Growth Hormone antibody:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Biohazard Information                                    | This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.                                                                                                                                                                                                                                                                                                                                                                                      |
| Biological Significance                                  | Growth hormone (GH) is a protein-based peptide hormone. It stimulates growth, cell reproduction and regeneration in humans and other animals. Growth hormone is a 191-amino acid, single-chain polypeptide that is synthesized, stored, and secreted by the somatotroph cells within the lateral wings of the anterior pituitary gland. Somatotropin refers to the growth hormone 1 produced naturally in animals, whereas the term somatotropin refers to growth hormone produced by recombinant DNA technology, and is abbreviated "HGH" in humans. |
| Preparation and Storage                                  | Short Term: 4°C<br>Long Term: -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### ADDITIONAL INFORMATION

|                                                              |                                                |
|--------------------------------------------------------------|------------------------------------------------|
| Related Product Information for anti-Growth Hormone antibody | Mouse monoclonal Human Growth Hormone antibody |
| Product Categories/Family for anti-Growth Hormone antibody   | <a href="#">Hormones &amp; Steroids</a>        |

### NCBI AND UNIPROT INFORMATION

|                         |                      |
|-------------------------|----------------------|
| NCBI GI #               | 208528               |
| NCBI Official Full Name | human growth 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/growth-hormone-antibody-clone-m0410182-immunoblot-immunoassay-elisa/74671>