

## Mouse hCG Monoclonal Antibody | anti-hCG antibody

MOUSE ANTI hCG (ALPHA 2 EPITOPE)

|                              |                      |                                                             |
|------------------------------|----------------------|-------------------------------------------------------------|
| CATALOG #<br><b>AAA49224</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>immunoassay, Radioimmunoassay, ELISA</b> |
|------------------------------|----------------------|-------------------------------------------------------------|

### PRODUCT SYNONYMS

hCG; Monoclonal Antibody; MOUSE ANTI hCG (ALPHA 2 EPITOPE); anti-hCG antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                                                                                                                                                                       |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                                  |
| Isotype                                       | IgG1                                                                                                                                                                                                                                                                                                        |
| Clone Number                                  | INN-hFSH 100                                                                                                                                                                                                                                                                                                |
| Form/Format                                   | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                           |
| Concentration                                 | IgG concentration 1.0 mg/ml (varies by lot)                                                                                                                                                                                                                                                                 |
| Sequence Length                               | 116                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-hCG antibody | RIA (Radioimmunoassay), ELISA                                                                                                                                                                                                                                                                               |
| Perservative Stabilisers                      | 0.09% Sodium Azide                                                                                                                                                                                                                                                                                          |
| Buffer Solution                               | Phosphate buffered saline                                                                                                                                                                                                                                                                                   |
| Target Species                                | Human                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                       | Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-hCG antibody | Mouse anti hCG (alpha 2 Epitope) antibody, clone INN-hFSH 100 recognizes the a&lpha;2 epitope expressed on the common subunit of human CG, LLH, LFSH and LTSH. |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                             |
|---------------------------|-----------------------------|
| NCBI GI #                 | <a href="#">4502787</a>     |
| NCBI GeneID               | <a href="#">1081</a>        |
| NCBI Accession #          | <a href="#">NP_000726.1</a> |
| NCBI GenBank Nucleotide # | <a href="#">NM_000735.3</a> |
| UniProt Accession #       | <a href="#">P01215</a>      |
| Molecular Weight          | 13,075 Da                   |

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | glycoprotein hormones alpha chain isoform 2                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | glycoprotein hormones, alpha polypeptide                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NCBI Official Symbol             | CGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | HCG; LHA; FSHA; GPHa; TSHA; GPHA1; CG-ALPHA                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| NCBI Protein Information         | glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; anterior pituitary glycoprotein hormones common subunit alpha; choriogonadotropin alpha chain; chorionic gonadotrophin subunit alpha; chorionic gonadotropin, alpha polypeptide; follicle-stimulating hormone alpha chain; follicle-stimulating hormone alpha subunit; follitropin alpha chain; luteinizing hormone alpha chain; lutropin alpha chain; thyroid-stimulating hormone alpha chain; thyrotropin alpha chain |
| UniProt Protein Name             | Glycoprotein hormones alpha chain                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt Gene Name                | <b>CGA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | CG-alpha; FSH-alpha; LSH-alpha; TSH-alpha                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt Entry Name               | GLHA_HUMAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/hcg-antibody-clone-inn-hfsh-100-radioimmunoassay-elisa/49224>