

ARG23212 anti-hCG (alpha 4 epitope) antibody [INN-hFSH-132]

Package: 250 µg

Store at: -20°C

Summary

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| Product Description | Mouse Monoclonal antibody [INN-hFSH-132] recognizes hCG (alpha 4 epitope) Mouse anti hCG (Alpha 4 Epitope) antibody, clone INN-hFSH-132 is a high affinity antibody recognising the alpha 4 epitope of the alpha-subunit of Human Chorionic Gonadotrophin (hCG), hLH, hFSH, hTSH and free alpha-subunit. The recognised epitope comprises amino-acids alpha 15 to alpha 22 of the human sequence. Mouse anti hCG (Alpha 4 Epitope) antibody, clone INN-hFSH-132 will not cross-react with glycoprotein hormones of various animal species. |
| Tested Reactivity | Hu |
| Tested Application | ELISA, IHC-P, IP, WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | INN-hFSH-132 |
| Isotype | IgG1 |
| Target Name | hCG (alpha 4 epitope) |
| Species | Human |
| Immunogen | Human Follicle Stimulating Hormone (FSH). |
| Conjugation | Un-conjugated |
| Alternate Names | FSH-alpha; LSH-alpha; FSHA; Thyrotropin alpha chain; LHA; CG-alpha; GPHA1; TSHA; Chorionic gonadotrophin subunit alpha; Luteinizing hormone alpha chain; TSH-alpha; Choriogonadotropin alpha chain; GPHA; CG-ALPHA; Anterior pituitary glycoprotein hormones common subunit alpha; Follitropin alpha chain; HCG; Glycoprotein hormones alpha chain; Thyroid-stimulating hormone alpha chain; Follicle-stimulating hormone alpha chain; Lutropin alpha chain |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | ELISA | Assay-dependent |
| | IHC-P | Assay-dependent |
| | IP | Assay-dependent |
| | WB | Assay-dependent |
| Application Note | IHC-P: Antigen Retrieval: Boil tissue section in Sodium citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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| Form | Liquid |
| Purification | Purified by ion exchange chromatography. |

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| Buffer | PBS and 0.09% Sodium azide. |
| Preservative | 0.09% Sodium azide |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Symbol | CGA |
| Gene Full Name | glycoprotein hormones, alpha polypeptide |
| Background | The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011] |
| Calculated Mw | 13 kDa |
| Cellular Localization | Secreted. [UniProt] |