

ARG10181
anti-FSH / Follicle Stimulating Hormone antibody [FSH-1]

Package: 100 µg

Store at: -20°C

Summary

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| Product Description | Mouse Monoclonal antibody [FSH-1] recognizes FSH / Follicle Stimulating Hormone |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | FSH-1 |
| Isotype | IgG1, kappa |
| Target Name | FSH / Follicle Stimulating Hormone |
| Species | Human |
| Immunogen | Human FSH α subunit |
| 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

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| Application Note | <p>ELISA: This antibody can be used as capturer in sandwich ELISA for FSH detection in combination with our matched anti-FSH antibody (mouse anti human FSH monoclonal antibody, HRP-conjugated, Cat No: ARG10182). The suggested capturer coating quantity is 4µg/mL.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p> |
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Properties

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| Form | Liquid |
| Purification | Protein G affinity purified |
| Buffer | 0.01M PBS (pH 7.2) |
| 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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| Database links | GeneID: 1081 Human Swiss-port # P01215 Human |
| Gene Symbol | CGA |
| Gene Full Name | glycoprotein hormones, alpha polypeptide |
| Background | Follicle stimulating hormone (FSH) stimulates the development and maturation of both male and female germ cells. FSH is crucial for the small follicles to avert apoptosis. During female menstrual cycle, FSH initiates the growth of immature follicles and stimulates estradiol secretion. FSH level increases a few days after menstrual flow when progesterone and estradiol are at low level. FSH is produced by gonadotropic cells in pituitary gland. FSH has a α subunit that is identical to the one in other glycoprotein hormones such as TSH, LH and HCG. FSH level is evaluated to help diagnosis of problems associated with reproductive system and fertility. |
| Highlight | Related Antibody Duos and Panels: ARG30060 FSH / Follicle Stimulating Hormone ELISA Antibody Duo Related products: FSH antibodies ; FSH ELISA Kits ; FSH Duos / Panels ; Anti-Mouse IgG secondary antibodies ; |
| Research Area | Cancer antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody |
| Calculated Mw | 13 kDa |