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

Package: 100 µg
Store at: -20°C

Summary

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

Application Note	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. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

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

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 estrodiol secretion. FSH level increases a few days after menstrual flow when progesterone and estrodiol 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