DATASHEET

FSH Mouse Monoclonal Antibody Pair(ARA505/ARA506)

CAT. NO. ARA5828

KEY FEATURES

Target	FSH	**Antibody Pair**	ARA505/ARA506
Source/Host	Mouse	**Reactivity**	Human
Clonality	Monoclonal	**Applications**	ELISA
Storage	at -20°C	**SwissProt**	P01225

BACKGROUND

Follicle-stimulating hormone (FSH) is a member of the pituitary glycoprotein hormone family, which also includes luteinizing hormone, chorionic gonadotropin and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit, and the beta subunit encoded by FSHB confers the biological specificity of FSH. FSH is secreted by gonadotrope cells of the anterior pituitary and, in conjunction with luteinizing hormone, induces egg and sperm production. Acting through the G protein-coupled FSH receptor, FSH drives ovarian follicle development and estrogen biosynthesis by granulosa cells in females and supports spermatogenesis in males. Variants in FSHB have been associated with polycystic ovary syndrome, altered serum FSH levels and isolated FSH deficiency. Alternative splicing results in transcript variants that encode the same protein. Both native and recombinant FSH are widely measured as analytes in fertility-related immunoassays.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

ELISA	Assay-dependent

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse monoclonal antibody pair for Human FSH
Capture Antibody	ARA506
Detection Antibody	ARA505
Applications	Sandwich ELISA
Antigen Species	Human
Gene Symbol	FSHB
SwissProt	P01225
Alternative Names	Follitropin subunit beta; Follicle-stimulating hormone beta subunit; FSH-B; FSH-beta; Follitropin beta chain

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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CONTENT

FSH Mouse Monoclonal Antibody(ARA506)	ARA5830	Mouse IgG1
FSH Mouse Monoclonal Antibody(ARA505)	ARA5829	Mouse IgG1

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com