



Anti-FSH monoclonal antibody, clone A058-10012 (DMAB3393)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Follicle Stimulating Hormone (FSH)
Specificity	Cross-reactivity
	FSH α 1 %
	FSH β 68 $\%$
	LH < 0.2 %
	hCG < 0.1 %
	TSH < 0.1 %
Isotype	lgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	A058-10012
Affinity Constant	Not determined
Purification	>80% pure (SDS-PAGE). DEAE chromatography Product is 0.2μm filtered.
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	lot specific

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Size	1 mg
Buffer	10mM Phosphate, pH 7.4 containing 150mM Sodium chloride
Preservative	0.1% Sodium Azide
Storage	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	The pituitary glycoprotein hormone family includesfollicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of anidentical alpha subunit and a hormone-specific beta subunit. This geneencodes the beta subunit of follicle-stimulating hormone. In conjunction withluteinizing hormone, follicle-stimulating hormone induces egg and spermproduction. Alternative splicing results in two transcript variants encodingthe same protein.
Keywords	Follicle Stimulating Hormone; FSH; follicle-stimulating hormone; FSH; Follicle Stimulating Hormone (FSH); Follitropin alpha chain; CG alpha; CGA; Choriogonadotropin alpha chain; Chorionic gonadotrophin alpha subunit; Follicle stimulating hormone alpha cha

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