



Anti-LHB monoclonal antibody, clone A403 (DMAB3890MH)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Human Luteinizing Hormone beta (LH-beta)
Specificity	Specific for Human Luteinizing Hormone beta subunit. Cross-reactivity: LH 100% LH-alpha <1% beta-hCG <1% ihCG <1% FSH <1% TSH <1%
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	A403
Affinity Constant	1 x 10 ¹⁰ l/mol
Purification	DEAE column chromatography Titration curve of C66700M in indirect ELISA Antigen: Campylobacter jejuni ATCC 29428, coated at approx. 10 ⁶ bacteria per well. Antibody: Dilution series of C66700M, incubated 1 hour at room temperature followed by
Conjugate	Unconjugated
Applications	Suggested use for solid phase coating. Pairs with LH monoclonal antibody in the sandwich assay for human LH. 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. Recommended pairs for sandwich immunoassay: • Capture DMAB3890MH DMAB3889MH

- **Detection**

[DMAB3889MH](#)

[DMAB3890MH](#)

Format	Purified, Liquid
Concentration	2.96mg/ml (OD280nm)
Size	1 mg
Buffer	0.015M KPO4 buffer, pH 7.4, containing 0.85% Sodium chloride
Preservative	0.1% Sodium Azide
Storage	Store at 2–8°C. DO NOT FREEZE!

GENE INFORMATION

Gene Name	LHB luteinizing hormone beta polypeptide [Homosapiens]
Official Symbol	LHB
Synonyms	LHB; luteinizing hormone beta polypeptide; CGB4; hLHB; LSH-B; LHB; interstitial cell stimulating hormone, beta chain; luteinizing hormone beta subunit; lutropin, beta chain; Lutropin subunit beta; Luteinizing hormone subunit beta; LSH-beta.
Entrez Gene ID	3972
Protein Refseq	NP_000885
UniProt ID	P01229
Chromosome Location	19q13.32
Pathway	Class A/1; G alpha (s) signalling events; GPCR downstream signaling; GPCR ligand binding; Glycoprotein hormones; GnRH signaling pathway; GnRH signaling pathway; Metabolism
Function	Hormone activity, receptor binding.