

BM2498**Monoclonal Antibody to Follicle-stimulating hormone / FSH (intact) - Purified**

Alternate names:	FSH beta, FSHB, Follitropin beta chain
Quantity:	1 mg
Concentration:	4.78 mg/ml (OD280 nm, $E^{0.1\%} = 1.4$)
Background:	<p>FSH is a pituitary hormone involved in the maturation of ovarian follicles and estrogen secretion in females. In the pituitary gland, FSH is produced by gonadotrophs. In males, FSH stimulates the secretion of testosterone.</p> <p>Follicle stimulating hormone enables ovarian folliculogenesis to the antral follicle stage and is essential for Sertoli cell proliferation and maintenance of sperm quality in the testis. Members of the pituitary glycoprotein hormone family, of which FSH is one (see also luteinizing hormone, chorionic gonadotropin, and thyroid stimulating hormone), consist of a shared alpha chain and a beta chain encoded by a separate gene.</p>
Uniprot ID:	P01225
NCBI:	NP_000501
GeneID:	2488
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	090-10264
Immunogen:	High purity intact FSH from Human pituitary gland.
Format:	State: Liquid purified Ig fraction (> 90% pure by SDS-PAGE). Product is 0.2 µm filtered. Purification: Protein A Chromatography Buffer System: 10mM Phosphate, pH 7.4 containing 150mM Sodium Chloride Preservatives: 0.09% Sodium Azide
Applications:	<p>Suitable for use in ELISA.</p> <p><i>Recommended antibody pairs for Sandwich Immunoassay:</i></p> <p><i>Capture / Detection:</i></p> <p>BM2498 / BM2500 BM2498 / AM31467PU-N BM2498 / AM31466PU-N BM2501 / BM2498</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>FSH specific.</p> <p>Reacts with <i>intact</i> molecule.</p> <p>Does not cross react with other common alpha hormones.</p>

Species Reactivity:	Affinity Constant: 3.9×10^9
Storage:	Tested: Human.
	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer.
	Avoid repeated freezing and thawing.
	Shelf life: one year from despatch.