

BM2077**Monoclonal Antibody to Follicle-stimulating hormone / FSH (beta) - Purified**

Alternate names:	FSH beta, FSHB, Follitropin beta chain
Quantity:	1 mg
Concentration:	4.8 mg/ml (OD280 nm, E1% = 14)
Background:	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. The FSHB gene encodes the beta subunit of follicle stimulating hormone.
Uniprot ID:	P01225
NCBI:	NP_000501.1
GeneID:	2488
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	709
Immunogen:	Human FSH.
Format:	State: Liquid purified Ig fraction. Purification: DEAE Chromatography Buffer System: 0.015M Potassium Phosphate buffer, 0.15M NaCl, pH 7.2 Preservatives: 0.09% Sodium Azide
Applications:	Suitable for use in ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	FSH: 100% LH: 0.03% TSH: 0.66% HGH: 0.28% Prolactin: 0.06% Affinity Constant: 5×10^9
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.