Product datasheet for TA501624S

FSH beta (FSHB) Mouse Monoclonal Antibody [Clone ID: OTI4E8]

Product data:

Product Type: Primary Antibodies
Clone Name: OTI4E8
Applications: FC, WB
Recommend Dilution: WB 1:2000, FLOW 1:100
Reactivity: Human
Host: Mouse
Isotype: IgG1
Clonality: Monoclonal
Immunogen: Full length human recombinant protein of human FSHB (NP_001018090) produced in HEK293T cell.
Formulation: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration: 0.67 mg/ml
Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Storage: Store at -20°C as received.
Stability: Stable for 12 months from date of receipt.
Predicted Protein Size: 12.4 kDa
Gene Name: follicle stimulating hormone subunit beta
Database Link: NP_001018090 Entrez Gene 2488 Human
Background: The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]
Synonyms: HH24
Protein Families: Druggable Genome, Secreted Protein
Protein Pathways: GnRH signaling pathway, Neuroactive ligand-receptor interaction

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FSHB (RC214616), Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FSHB. Positive lysates [LY400397] (100ug) and [LC400397] (20ug) can be purchased separately from OriGene.

HEK293T cells transfected with either [RC214616] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FSHB antibody (TA501624), and then analyzed by flow cytometry.