Product datasheet for TA501623

FSH beta (FSHB) Mouse Monoclonal Antibody [Clone ID: OTI4E10]

Product data:

- **Product Type:** Primary Antibodies
- **Clone Name:** OTI4E10
- **Applications:** FC, WB
- **Recommend Dilution:** WB 1:500, 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:** 1 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 (TA501623), and then analyzed by flow cytometry.