

Anti-FSH beta/FSHB Antibody Picoband® PE Conjugated

Catalog Number: PB9106-PE

About FSHB

FSHB, also known as Follitropin subunit beta, is a protein that in humans is encoded by the FSHB gene, and this gene is mapped to 11p14.1. FSHB enables ovarian folliculogenesis to the antral follicle stage and is essential for Sertoli cell proliferation and maintenance of sperm quality in the testis. It can stimulate development of follicle and spermatogenesis in the reproductive organs. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production.

Overview

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| Product Name | Anti-FSH beta/FSHB Antibody Picoband® PE Conjugated |
| Reactive Species | Human, Mouse |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P01225 |

Technical Details

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| Immunogen | E.coli-derived human FSH beta recombinant protein (Position: N19-E129). Human FSH beta shares 90% and 89% amino acid (aa) sequences identity with mouse and rat FSH beta, respectively. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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