

## Anti-FSH beta/FSHB Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PB9106-Fluoro550

### 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

Product Name	Anti-FSH beta/FSHB Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human, Mouse
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> .
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

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	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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