

## Anti-FSH Receptor/FSHR Antibody Picoband® Biotin Conjugated

Catalog Number: PB10065-Biotin

### About FSHR

The follicle-stimulating hormone receptor or FSH receptor (FSHR) is a transmembrane receptor that interacts with the follicle-stimulating hormone (FSH) and represents a G protein-coupled receptor (GPCR). This FSHR gene is mapped to chromosome 2p21 by fluorescence in situ hybridization. The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Mutations in this gene cause ovarian dysgenesis type 1, and also ovarian hyperstimulation syndrome. Alternative splicing results in multiple transcript variants.

### Overview

Product Name	Anti-FSH Receptor/FSHR Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P23945

### Technical Details

Immunogen	E. coli-derived human FSH Receptor recombinant protein (Position: C18-N187). Human FSH Receptor shares 91.2% and 90% amino acid (aa) sequence identity with mouse and rat FSH Receptor, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

## 5 Publications Citing This Product

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1. PubMed ID: 31993999, Luo Q,Liu R,Wang L,Hou Y,Zhang H.The Effects of Inhibin B in the Chemotherapy Drug-Induced Premature Ovarian Insufficiency Mice and hPMSCs Treatment.Reprod Sci.2020 May;27(5):1148-1155.doi:10.1007/s43032-019-00128-y.Epub 2020 Jan 28.PMID:31993999.
2. PubMed ID: 26010950, Evaluation of Follicular Synchronization Caused by Estrogen Administration and Its Reproductive Outcome
3. PubMed ID: 28432272, Establishment of an in vitro culture model of theca cells from hierarchical follicles in ducks

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