

Anti-FSH Receptor/FSHR Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB10065-Fluoro594

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

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| Product Name | Anti-FSH Receptor/FSHR Antibody Picoband® Fluoro594 Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (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 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 | P23945 |

Technical Details

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|------------------|---|
| 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 | Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

5 Publications Citing This Product

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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