

Anti-FSH-Receptor (Ovarian Marker) Monoclonal Antibody

Catalog Number: M00897

About FSHR

Follicle-stimulating hormone receptor (FSHR) is a 695 amino acid G protein coupled receptor. FSH binds to the receptor in a hand-clasp fashion via its a condition characterized by the presence of multiple serous and hemorrhagic follicular cysts lined by luteinized cells.

Overview

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|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-FSH-Receptor (Ovarian Marker) Monoclonal Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-FSH-Receptor (Ovarian Marker) Monoclonal Antibody (Catalog # M00897). Tested in IHC applications. This antibody reacts with Human. |
| Conjugate | Biotin |
| Application | IHC |
| Clonality | Monoclonal Clone: FSHR/1400 |
| Formulation | Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| Storage Instructions | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required. |
| Host | Mouse |
| Uniprot ID | P23945 |

Technical Details

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|----------------------------|--------------------------------------------------------------------------------------------------------|
| Immunogen | Recombinant human FSHR protein |
| Predicted Reactive Species | Bovine, Canine, Mouse, Orangutan, Pig, Rabbit, Rat, Deer |
| Cross Reactivity | Does not cross-react with primate, avian or amphibian GR. |
| Isotype | IgG1, kappa |
| Form | Liquid |
| Concentration | Purified antibody with BSA and azide at 200ug/ml |
| Purification | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G. |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this |

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

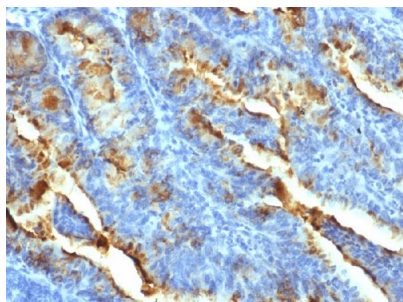
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Immunohistochemistry (Formalin-fixed) (0.1-0.2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)

Optimal dilution for a specific application should be determined.

Anti-FSH-Receptor (Ovarian Marker) Monoclonal Antibody (M00897) Images



Formalin-fixed, paraffin-embedded human Uterine Carcinoma stained with Anti-FSH Receptor Mouse Monoclonal Antibody (FSHR/1400).

5 Publications Citing This Product

1. PubMed ID: 10.1016/j.tjog.2020.05.010, The protective effects of human umbilical cord mesenchymal stem cell-derived extracellular vesicles on cisplatin-damaged granulosa cells
2. PubMed ID: 10.1038/s41598-017-02786-x, Exosomes derived from human umbilical cord mesenchymal stem cells protect against cisplatin-induced ovarian granulosa cell stress and apoptosis in vitro
3. PubMed ID: 28432272, Establishment of an in vitro culture model of theca cells from hierarchical follicles in ducks

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