

Mouse anti-Human FSH-Receptor Monoclonal Antibody | anti-FSHR antibody

FSH-Receptor (Ovarian Marker)

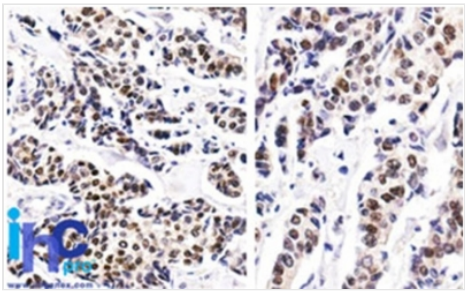
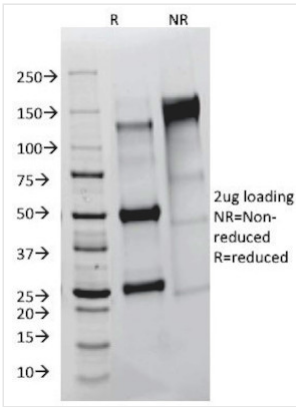
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62988	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

FSH-Receptor; Monoclonal Antibody; FSH-Receptor (Ovarian Marker); Follicle-stimulating hormone receptor; Folitropin receptor; FSH receptor; FSH-R; FSHRO; LGR1; ODG1; ovarian dysgenesis 1; anti-FSHR antibody

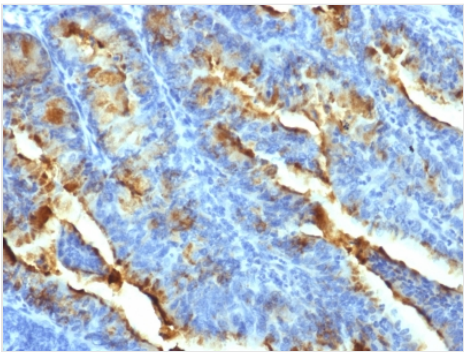
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	FSHR/1400
Specificity	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 alpha and beta subunits. While the alpha subunit of FSH is involved in the binding of FSH to the receptor, the beta subunit stabilizes this interaction. Linkage studies suggest that a missense mutation in the FSHR gene can cause reduced FSH binding affinity and lead to a condition known as hypergonadotropic ovarian dysgenesis (ODG). In males however, this mutation does not appear to have a detrimental affect on fertility. It is believed that a mutation in the FSHR gene is also associated with ovarian hyperstimulation syndrome; a condition characterized by the presence of multiple serous and hemorrhagic follicular cysts lined by luteinized cells.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	695
Applicable Applications for anti-FSHR antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant human full-length FSHR protein
Cellular Localization	Cytoplasmic & Cell Surface
Hu-chromosome Location	2p21-p16
Positive Control	Uterine Carcinoma
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Non-hazardous. No MSDS required.



IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded human Breast Invasive Ductal Carcinoma stained with Estrogen Receptor Monoclonal Antibody (ER506).

SDS-PAGE
SDS-PAGE Analysis Purified FSH Receptor Mouse Monoclonal Antibody (FSHR/1400).
Confirmation of Purity and Integrity of Antibody.



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

ADDITIONAL INFORMATION

References	Beau, I., et al. 1998. The basolateral localization signal of the follicle-stimulating hormone receptor. J. Biol. Chem. 273: 18610-18616.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31657138
NCBI GeneID	2492
NCBI Accession #	NP_000136.2
NCBI GenBank Nucleotide #	NM_000145.3
UniProt Accession #	P23945; Q05AH0; Q16225; Q4QRJ3; Q4ZFZ2; Q53RW2; A0A0A0MSC5; A8K947; G5CBS7; G5E967; J3KQ00
Molecular Weight	75kDa
NCBI Official Full Name	follicle-stimulating hormone receptor isoform 1
NCBI Official Synonym Full Names	follicle stimulating hormone receptor
NCBI Official Symbol	FSHR
NCBI Official Synonym Symbols	LGR1; ODG1; FSHR1; FSHRO
NCBI Protein Information	follicle-stimulating hormone receptor
UniProt Protein Name	Follicle-stimulating hormone receptor

UniProt Gene Name	FSHR
UniProt Synonym Gene Names	LGR1; FSH-R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fsh-receptor-antibody-clone-fshr-1400-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62988>