

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

Monoclonal Antibody to FSH Receptor (Clone: ABM5D29)

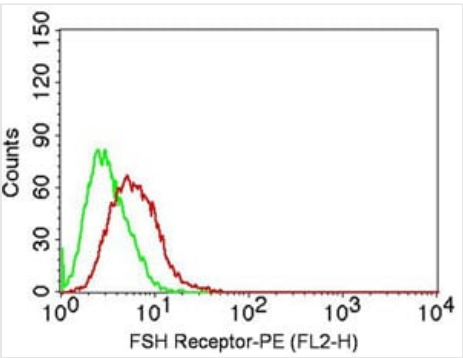
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78433	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

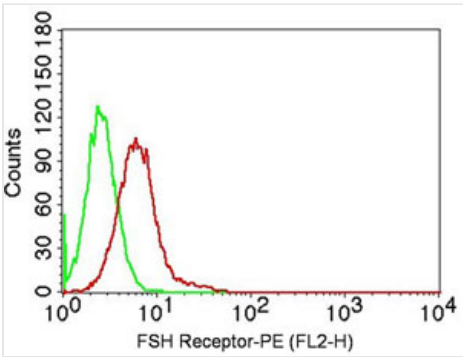
FSH Receptor; Monoclonal Antibody; Monoclonal Antibody to FSH Receptor (Clone: ABM5D29); Follicle-stimulating hormone receptor; FSH-R; Follicotropin receptor; anti-FSHR antibody

PRODUCT SPECIFICATIONS

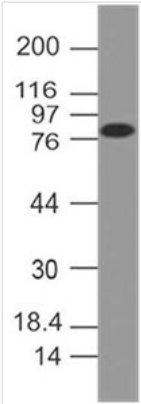
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, Kappa
Clone Number	ABM5D29
Purity/Purification	Purified Protein G Chromatography
Form/Format	25 ug in 50 uL/100 ug in 200 uL PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	695
Applicable Applications for anti-FSHR antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antigen	FSH Receptor
Immunogen Information	A partial length recombinant protein (a.a 03-200) of FSH Receptor was used as the immunogen for this antibody.
Conjugation	Unconjugated
Preparation and Storage	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.



FCM/FACS (Flow Cytometry)
Fig-3: Intracellular flow analysis of FSH receptor antibody on HeLa cells using 0.5 ug/10⁶ cells (Clone: ABM5D29). Green represents isotype control; red represents anti-FSH receptor antibody. Goat anti-mouse PE conjugate was used as secondary. (Cells were fixed with 4% paraformaldehyde for 10 min and washed with PBS by centrifuging at 1100 for 5 min followed by permeabilization for 20 min and washed again as mentioned above. Then cell were incubated with primary antibody for 45 min. and after washing the cells twice in PBS, incubated with conjugated secondary antibody for 30 min. Data acquisition was done after washing twice with PBS as mentioned above).



FCM/FACS (Flow Cytometry)
Fig-2: Intracellular flow analysis of FSH receptor antibody on A431 cells using 0.5 ug/10⁶ cells (Clone: ABM5D29). Green represents isotype control; red represents anti-FSH receptor antibody. Goat anti-mouse PE conjugate was used as secondary antibody. (Cells were fixed with 4% paraformaldehyde for 10 min and washed with PBS by centrifuging at 1100 for 5 min followed by permeabilization for 20 min and washed again as mentioned above. Then cell were incubated with primary antibody for 45 min. and after washing the cells twice in PBS, incubated with conjugated secondary antibody for 30 min. Data acquisition was done after washing twice with PBS as mentioned above).



WB (Western Blot)
Fig-1: Western blot analysis of FSH Receptor. Anti-FSH Receptor antibody (Clone: ABM5D29) was used at 2 ug/ml on Hela lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-FSHR antibody	FSH receptor is a member of the G protein coupled receptor family consisting of 9 introns and 10 exons and a promoter region and is located on chromosome 2p21. FSH receptor was shown to be expressed selectively on the luminal surface of tumor blood vessels. A general characteristic of the blood vessels that express the endothelial FSH receptor is that they are located at the periphery of the tumors. Many studies showed that FSH receptor polymorphisms at positions 307 and 680 may be even more relevant for clinical practice for the reasons of regulating the ovarian reaction to hormone, controlling ovarian hyperstimulation, changing the menstrual cycle, and causing POF (Premature Ovarian Failure) and PCOS (Polycystic Ovary Syndrome).
Product Categories/Family for anti-FSHR antibody	Cancer Marker

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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fsh-receptor-antibody-clone-abm5d29-flow-cytometry-western-blot-elisa/78433>