

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-2703: Anti-Luteinizing Hormone / Choriogonadotropin Receptor (LHCGR) Monoclonal Antibody(Clone: LHCGR/1416)

Clonality: Monoclonal
Clone Name: LHCGR/1416
Application: FACS,IF,WB
Reactivity: Human
Gene: LHCGR
Gene ID: 3973
Uniprot ID: P22888

Gonadotropin receptor; GTHR-II; HHG; LCGR; LGR2; LH-R; LH/CG-R; LH/CGR; LHCGR; LHR;

Alternative Name: LHRHR; LSH-R; Luteinizing hormone receptor; Luteinizing hormone/choriogonadotropin

receptor; Lutropin choriogonadotropic receptor; Lutropin-choriogonadotropic hormone

receptor; ULG5

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant fragment (around aa 70-410) of human LHCGR protein (exact sequence is

proprietary)

Description

Recognizes a protein of 78-85kDa, which is identified as Luteinizing hormone / choriogonadotropin receptor. Luteinizing hormone plays a role in spermatogenesis and ovulation by stimulating the testes and ovaries to produce steroids. Choriogonadotropin production in the placenta maintains estrogen and progesterone levels during the first trimester of pregnancy. Ovaries and testes abundantly express luteinizing hormone / choriogonadotropin receptor (LHCGR) as a seven transmembrane, G protein-coupled receptor glycoprotein. LHCGR influences the protective effect of pregnancy and Gonadotropin against breast cancer. The expression of LHCGR on breast carcinoma correlates in part to the degree of tumor differentiation. LHCGR -positive breast tumors occur more frequently in tumors with greater cell differentiation in premenopausal women.

Product Info

Amount: 20 μg / 100 μg

Content: 200 µg/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.

Storage condition : 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.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml);



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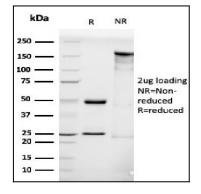


Fig. 1: SDS-PAGE Analysis Purified LHCGR Mouse Monoclonal Antibody (LHCGR/1416). Confirmation of Integrity and Purity of Antibody.