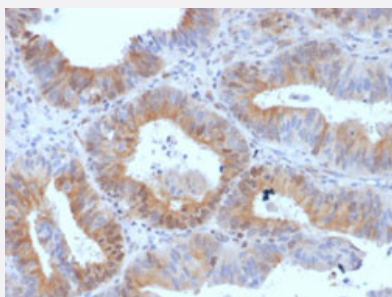


LHCGR monoclonal antibody, clone LHCGR/1417

Catalog # MAB14584 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ovarian carcinoma with LHCGR monoclonal antibody, clone LHCGR/1417 (Cat # MAB14584).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human LHCGR.
Immunogen	Recombinant protein corresponding to N-terminus of human LHCGR.
Host	Mouse
Theoretical MW (kDa)	78-85
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ovarian carcinoma with LHCGR monoclonal antibody, clone LHCGR/1417 (Cat # MAB14584).

- Immunofluorescence

- Flow Cytometry

Gene Info — LHCGR

Entrez GeneID
[3973](#)
Protein Accession#
[P22888](#)
Gene Name

LHCGR

Gene Alias

FLJ41504, LCGR, LGR2, LH/CG-R, LH/CGR, LHR, LHRHR, LSH-R

Gene Description

luteinizing hormone/choriogonadotropin receptor

Omim ID
[152790](#) [176410](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

This gene encodes the receptor for both luteinizing hormone and choriogonadotropin. This receptor belongs to the G-protein coupled receptor 1 family, and its activity is mediated by G proteins which activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexual character development, including familial male precocious puberty, also known as testotoxicosis, hypogonadotropic hypogonadism, Leydig cell adenoma with precocious puberty, and male pseudohermaphroditism with Leydig cell hypoplasia. [provided by RefSeq]

Other Designations

luteinising hormone-choriogonadotropin receptor|lutropin/choriogonadotropin receptor

Publication Reference

- [Biochemical characterization and modulation of LH/CG-receptor during human trophoblast differentiation.](#)
Pidoux G, Gerbaud P, Tsatsaris V, Marpeau O, Ferreira F, Meduri G, Guibourdenche J, Badet J, Evain-Brion D, Frendo JL.
Journal of Cellular Physiology 2007 Jul; 212(1):26.

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cryptorchidism](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Hyperandrogenism](#)
- [Hyperparathyroidism](#)
- [Iatrogenic Disease](#)
- [Infertility](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)

- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Hyperstimulation Syndrome](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)