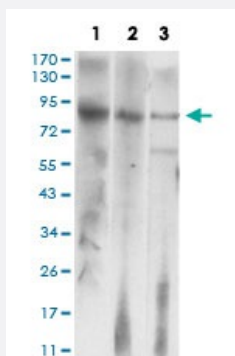


LHCGR monoclonal antibody, clone 8G9A2

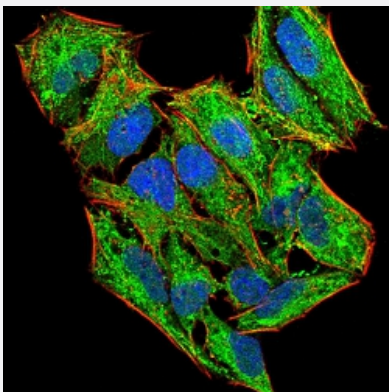
Catalog # MAB16665 Size 10 x 100 ug, 100 ug

Applications



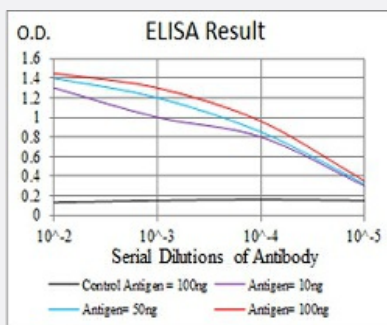
Western Blot (Cell lysate)

Western blot analysis of Lane 1: HepG2 cell; Lane 2: Jurkat cell and Lane 3: SMMC-7721 cell with LHCGR monoclonal antibody.



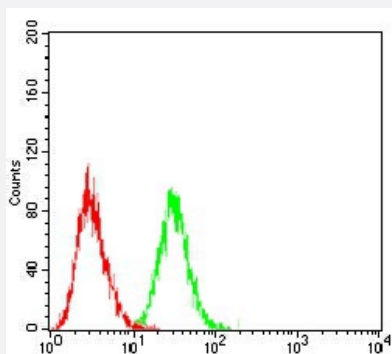
Immunocytochemistry

Immunocytochemical staining of HeLa cells with LHCGR monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of LHCGR monoclonal antibody, clone 8G9A2.



Flow Cytometry

Flow cytometric analysis of Jurkat cells with LHCGR monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against LHCGR.
Immunogen	LHR-29 cell line
Host	Mouse
Theoretical MW (kDa)	78.6
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: HepG2 cell; Lane 2: Jurkat cell and Lane 3: SMMC-7721 cell with LHCGR monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of Hela cells with LHCGR monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of LHCGR monoclonal antibody, clone 8G9A2.

- Flow Cytometry

Flow cytometric analysis of Jurkat cells with LHCGR monoclonal antibody (green) and negative control (red).

Gene Info — LHCGR

Entrez GeneID [3973](#)

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 recept or belongs to the G-protein coupled receptor 1 family, and its activity is mediated by G proteins w hich activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexu al character development, including familial male precocious puberty, also known as testotoxicosi s, hypogonadotropic hypogonadism, Leydig cell adenoma with precocious puberty, and male pse udohermaphtoditism with Leydig cell hypoplasia. [provided by RefSeq

Other Designations luteinising hormone-choriogonadotropin receptor|lutropin/choriogonadotropin receptor

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](#)