CGA monoclonal antibody, clone CH5

Catalog # MAB6384 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against CGA.
Immunogen	Purified human CGA.
Host	Mouse
Reactivity	Human
Specificity	This antibody reacts with chorionic gonadotropin-alpha.
Form	Lyophilized
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.2
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay
- Immunoprecipitation

Gene Info — CGA

Entrez GeneID	1081

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Gene Name	CGA
Gene Alias	CG-ALPHA, FSHA, GPHA1, GPHa, HCG, LHA, TSHA
Gene Description	glycoprotein hormones, alpha polypeptide
Omim ID	118850
Gene Ontology	Hyperlink
Gene Summary	The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family. [provided by RefSeq
Other Designations	OTTHUMP00000016825|chorionic gonadotropin, alpha polypeptide|follicle-stimulating hormone alpha subunit

Pathway

- Autoimmune thyroid disease
- GnRH signaling pathway
- Neuroactive ligand-receptor interaction

Disease

- Asperger Syndrome
- Autistic Disorder
- Breast Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Prostate cancer

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- Prostatic Neoplasms
- Puberty
- Pulmonary Disease
- Social Perception
- Thrombophilia
- Thyroid Neoplasms
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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