

CGA monoclonal antibody, clone B3194M

Catalog # MAB4749

Size 5 mg

Specification

Product Description	Mouse monoclonal antibody raised against CGA.
Immunogen	Human CGA.
Host	Mouse
Reactivity	Human
Specificity	human TSH-alpha, MW 28kD.
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Capture Antibody
- Enzyme Immunoassay
- Detection Antibody

Gene Info — CGA

Entrez GeneID	1081
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 an 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](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)