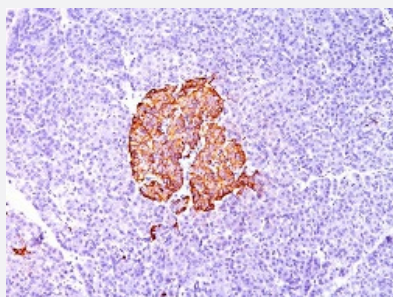


CGA monoclonal antibody, clone HCGa/53

Catalog # MAB12127 Size 100 ug

Applications



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

Immunohistochemical staining of human placenta with CGA monoclonal antibody, clone HCGa/53 (Cat # MAB12127).

Specification

Product Description Mouse monoclonal antibody raised against recombinant human CGA.

Immunogen Recombinant protein corresponding to human CGA.

Host Mouse

Theoretical MW (kDa) 13

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage
Immunohistochemistry (0.5-1 ug/mL)
Western blot (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°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
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining of human placenta with CGA monoclonal antibody, clone HCGa/53 (Cat # MAB12127).

Gene Info — CGA

Entrez GeneID [1081](#)

Protein Accession# [P01215](#)

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](#)