CGB monoclonal antibody, clone 057-10020

Catalog # MAB4210 Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against native CGB.
Immunogen	Native purified CGB from human pregnancy urine.
Host	Mouse
Reactivity	Human
Specificity	This antibody is specific to intact-hCG and its beta subunit. Does not react with hCG alpha subunit.
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM phosphate buffer, pH 7.4 (150 mM NaCl, 0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CGB

Entrez GeneID	1082
Gene Name	CGB

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Gene Alias	CGB3, hCGB
Gene Description	chorionic gonadotropin, beta polypeptide
Omim ID	118860
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 sub unit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a co mmon alpha subunit and an unique beta subunit which confers biological specificity. CG is produc ed by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids t hat are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 gene s which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq
Other Designations	chorionic gonadotropin beta 3 subunit|chorionic gonadotropin beta chain|chorionic gonadotropin beta subunit

Disease

- Abortion
- Genetic Predisposition to Disease

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