

## CGB monoclonal antibody, clone 4C3

Catalog # MAB1559

Size 1 mg

### Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length native CGB.
<b>Immunogen</b>	Native purified human CGB.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody react with Beta-hCG, no cross reactivity is seen with hCG, Alpha-hCG, LH, FSH and T SH.
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Quality Control Testing</b>	Antibody Reactive Against Native Purified Protein.
<b>Recommend Usage</b>	The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 15 mM potassium phosphate buffer, 0.85% NaCl, pH 7.2 (0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Enzyme-linked Immunoabsorbent Assay

### Gene Info — CGB

Entrez GeneID	<a href="#">1082</a>
Gene Name	CGB
Gene Alias	CGB3, hCGB
Gene Description	chorionic gonadotropin, beta polypeptide
Omim ID	<a href="#">118860</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq]</p>
Other Designations	chorionic gonadotropin beta 3 subunit chorionic gonadotropin beta chain chorionic gonadotropin beta subunit

## Disease

- [Abortion](#)
- [Genetic Predisposition to Disease](#)