

CGB5 rabbit monoclonal antibody

Catalog # H00093659-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CGB5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CGB5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CGB5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CGB5

Entrez GeneID [93659](#)

GeneBank Accession# [CGB5](#)

Gene Name CGB5

Gene Alias HCG, MGC119822

Gene Description chorionic gonadotropin, beta polypeptide 5

Omim ID [608825](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 5 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]

Other Designations chorionic gonadotropin beta 5 subunit

Disease

- [Abortion](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)

- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)