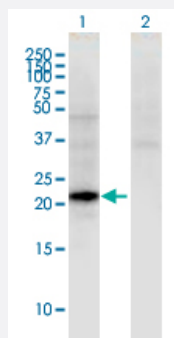


CGB5 monoclonal antibody (M02), clone 2E7

Catalog # H00093659-M02

Size 100 ug

Applications

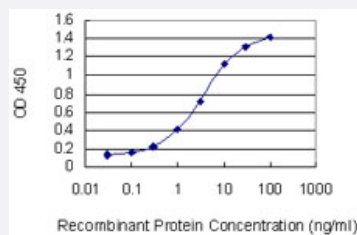


Western Blot (Transfected lysate)

Western Blot analysis of CGB5 expression in transfected 293T cell line by CGB5 monoclonal antibody (M02), clone 2E7.

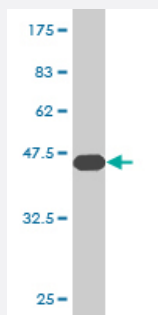
Lane 1: CGB5 transfected lysate (Predicted MW: 17.7 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CGB5 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (43.89 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant CGB5.

Immunogen	CGB5 (AAH06290, 1 a.a. ~ 165 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEMFQGLLLLLLLSMGGTWASKEPLRPRCRPINATLAVEKEGCPVCITVNTTICAGYCPTMTRVLQ GVLPALPQVVVCNYRDVRFESIRLPGCPRGVNPVVSYAVALSCQCALCRRSTTDCGGPKDHPLTC DDPRFQDSSSSKAPPPSLPSPSRLPGPSDTPILPQ
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (43.89 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CGB5 expression in transfected 293T cell line by CGB5 monoclonal antibody (M02), clone 2E7.

Lane 1: CGB5 transfected lysate (Predicted MW: 17.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CGB5 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CGB5

Entrez GeneID

[93659](#)

GeneBank Accession#	BC006290
Protein Accession#	AAH06290
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 subunit 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](#)
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