



# Magic™ Anti-hCG beta monoclonal antibody, clone N2800IDHc2 (DCABY-4717)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Human chorionic gonadotropin (hCG) is a glycoprotein hormone produced in pregnancy that is made by the developing embryo after conception and later by the syncytiotrophoblast (part of the placenta). It is heterodimeric, with an alpha subunit identical to that of luteinizing hormone (LH), follicle-stimulating hormone (FSH), thyroid-stimulating hormone (TSH), and beta subunit that is unique to hCG.
<b>Immunogen</b>	hCG beta antibody was raised in Mouse using HCG as the immunogen
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	N2800IDHc2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Pr*, Lateral Flow Pr* Suggested pair for sandwich ELISA (Capture - Detection): <a href="#">DCABY-4712</a> - DCABY-4717
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied in 50mM NaCl, 10 mM PBS pH 8.0, with 0.1% NaN3
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 2-8 °C for short term storage. For long term storage aliquot and store at -20 °C, avoid repeated freeze/thaw cycles

# GENE INFORMATION

Gene Name	<a href="#">CGB chorionic gonadotropin, beta polypeptide [ Homo sapiens ]</a>
Official Symbol	CGB
Synonyms	CGB; chorionic gonadotropin, beta polypeptide; CGB3; CGB5; CGB7; CGB8; hCGB; choriogonadotropin subunit beta; CG-beta; chorionic gonadotropin beta chain; chorionic gonadotrophin chain beta; chorionic gonadotropin beta subunit; chorionic gonadotropin beta
Entrez Gene ID	<a href="#">1082</a>
Protein Refseq	<a href="#">NP_000728</a>
UniProt ID	<a href="#">P01233</a>
Chromosome Location	19q13.32
Pathway	Glycoprotein hormones; Metabolism of proteins; Peptide hormone biosynthesis; Peptide hormone metabolism;
Function	hormone activity;