



Magic™ Anti-hCG alpha monoclonal antibody, clone N2800IDHb2 (DCABY-4712)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	hCG alpha antibody was raised in Mouse using HCG as the immunogen
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N2800IDHb2
Conjugate	Unconjugated
Applications	ELISA Pr*, Lateral Flow Pr* Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4712 - DCABY-4717
Format	Liquid
Size	1 mg
Buffer	Supplied in 50mM NaCl, 10 mM PBS pH 8.0, with 0.05% NaN3
Preservative	0.05% Sodium Azide
Storage	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	CGA glycoprotein hormones, alpha polypeptide [Homo sapiens]
Official Symbol	CGA
Synonyms	CGA; glycoprotein hormones, alpha polypeptide; HCG; LHA; FSHA; GPHa; TSHA; GPHA1; CG-ALPHA; glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; lutropin alpha chain; follitropin alpha chain; thyrotropin alpha chain; choriogonadotropin alph
Entrez Gene ID	1081
Protein Refseq	NP_000726
UniProt ID	P01215
Chromosome Location	6q12-q21
Pathway	Amine-derived hormones; Androgen biosynthesis; Autoimmune thyroid disease; Class A/1; FSH signaling pathway; G alpha signalling events; GPCR downstream signaling; GPCR ligand binding;
Function	hormone activity; protein binding;