



Magic™ Anti-hCG alpha monoclonal antibody, clone N83728 (DCABY-4613)

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

PRODUCT INFORMATION

Antigen Description	The hormone human chorionic gonadotropin (hCG) is produced during pregnancy and is used as a marker for pregnancy testing. It is produced by the syncytiotrophoblast after conception and nourishes the egg after it has attached to the uterus. Levels can first be detected by a blood test about 11 days after conception and about 12 - 14 days after conception by a urine test.
Specificity	Highly specific for the alpha subunit of human CG, TSH, LH, FSH and free alpha subunit
Immunogen	hCG alpha antibody was raised in mouse using human FSH as the immunogen
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	N83728
Purification	Purified by ion exchange chromatography
Conjugate	Unconjugated
Applications	ELISA Pr*, IHC-P, IP, WB Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4453 - DCABY-4613
Format	Liquid
Size	250 µg
Buffer	Supplied as a liquid purified IgG in PBS with 0.09% NaN ₃

Preservative	0.09% Sodium Azide
Storage	Store at 4 °C for short term, and aliquot and store at -20 °C for longer term. 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;