



# Magic™ Anti-hCG alpha monoclonal antibody, clone C292N (DCAB-TJ184)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The a
<b>Specificity</b>	Reacts with the alpha chain of FSH, LH, TSH, and hCG.
<b>Immunogen</b>	Purified hCG alpha chain.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	C292N
<b>Affinity Constant</b>	Not Determined
<b>Purification</b>	> 90% pure (SDS-PAGE). Ion Exchange Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pair for sandwich Suggested pair for testing (Capture - Detection): <a href="#">DMABT-H1300</a> - DCAB-TJ184
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	2.4 mg/mL (OD280 nm, E0.1% = 1.4)

<b>Size</b>	1 mg
<b>Buffer</b>	0.15 M Sodium Chloride, 10 mM Tris, pH 7.5.
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CGA glycoprotein hormones, alpha polypeptide [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CGA
<b>Synonyms</b>	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
<b>Entrez Gene ID</b>	<a href="#">1081</a>
<b>Protein Refseq</b>	<a href="#">NP_000726</a>
<b>UniProt ID</b>	<a href="#">P01215</a>
<b>Chromosome Location</b>	6q12-q21
<b>Pathway</b>	Amine-derived hormones, organism-specific biosystem; Androgen biosynthesis, organism-specific biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organi
<b>Function</b>	hormone activity; protein binding