



Magic™ Anti-hCG beta monoclonal antibody, clone C2473N (DCAB-TJ177)

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

PRODUCT INFORMATION

Antigen Description	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
Specificity	Human beta-hCG.
Immunogen	Chorionic Gonadotropin, beta-subunit
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	C2473N
Affinity Constant	3 x 10 ¹⁰
Purification	DEAE column chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Pairs with Goat anti Intact hCG, Catalog #DCAB-TJ160 in a free beta-hCG sandwich immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been test Suggested pair for testing (Capture - Detection): DCAB-TJ177 - DCAB-TJ160
Format	Purified, Liquid
Concentration	4.0 mg/ml

Size	1 mg
Buffer	0.015 M Potassium phosphate, pH 7.4 containing 0.15 M Sodium chloride
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C. ##DO NOT FREEZE!##

GENE INFORMATION

Gene Name	CGB chorionic gonadotropin, beta polypeptide [Homo sapiens (human)]
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	1082
Protein Refseq	NP_000728
UniProt ID	P01233
Chromosome Location	19q13.32
Pathway	Glycoprotein hormones, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Peptide hormone biosynthesis, organism-specific biosystem; Peptide hormone metabolism, organism-specific biosystem
Function	hormone activity