Magic™ Anti-hCG beta monoclonal antibody, clone N2800IDHc3 (DCABY-4718)

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 beta antibody was raised in Mouse using HCG as the immunogen

Isotype

IgG1

Source/Host

Mouse

Species Reactivity

Human

Clone

N2800IDHc3

Conjugate

Unconjugated

Applications

ELISA Pr*, Lateral Flow Pr*

Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4713 - DCABY-4718

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

CGB chorionic gonadotropin, beta polypeptide [ Homo sapiens ]

Official Symbol

CGB
<table>
<thead>
<tr>
<th><strong>Synonyms</strong></th>
<th>CGB; chorionic gonadotropin, beta polypeptide; CGB3; CGB5; CGB7; CGB8; hCGB; choriongonadotropin subunit beta; CG-beta; chorionic gonadotropin beta chain; chorionic gonadotrophin chain beta; chorionic gonadotropin beta subunit; chorionic gonadotropin beta</th>
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<td>Glycoprotein hormones; Metabolism of proteins; Peptide hormone biosynthesis; Peptide hormone metabolism;</td>
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<td><strong>Function</strong></td>
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