

hCG beta Antibody FITC Conjugated

Catalog No: #C00512F

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Description

Product Name	hCG beta Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide aa 120-165 165 derived from human Beta-HCG
Conjugates	FITC
Target Name	hCG beta
Other Names	HCG; Choriogonadotropin subunit beta; CG-beta; Chorionic gonadotrophin chain beta; CGB; CGB3
Accession No.	Swiss-Prot#P01233NCBI Gene ID93659
Uniprot	P01233
GeneID	93659;
Excitation Emission	494nm 518nm
Cell Localization	Secreted
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq].

Note: This product is for in vitro research use only