

HCG Beta Mouse Monoclonal Antibody FITC Conjugated(4H7)

Catalog No: #C08416F

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Description

Product Name	HCG Beta Mouse Monoclonal Antibody FITC Conjugated(4H7)
Host Species	Mouse
Clonality	Monoclonal
Clone No.	4H7
Isotype	IgG
Purification	Purified by Protein G.
Applications	IF
Species Reactivity	Hu
Immunogen Description	HCG Beta protein
Conjugates	FITC
Target Name	HCG Beta
Other Names	Anterior pituitary glycoprotein hormones common subunit alpha; CG ALPHA; CG beta a; CG beta; CGA; CGB; CGB1; CGB2; CGB3; CGB5; CGB7; CGB8; Chorionogonadotropin alpha chain; Chorionogonadotropin subunit beta; Chorionic gonadotrophin alpha subunit; Chorionic gonadotrophin chain beta; Chorionic gonadotropi
Accession No.	NCBI Gene ID93659
GeneID	93659;
Excitation Emission	494nm 518nm
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