For Research Use Only

hCG Beta Monoclonal antibody

Catalog Number:60334-1-Ig 1 Publications

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Basic Information

Catalog Number:
60334-1-Ig

Size:
150ul , Concentration: 1400 ug/ml by Nanodrop and 787 ug/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG2191

GenBank Accession Number:
BC022796

GeneID (NCBI):
1082

UNIPROT ID:
P0DN86

Full Name:
CG beta

Calculated MW:
165 aa, 18 kDa

Purification Method:
Protein A purification

CloneNo.:
2D6B8

Recommended Dilutions:
IHC 1:50-1:500

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human placenta tissue,

Background Information

CGB is a member of the glycoprotein hormone beta chain family. 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Mengdi Li	28623977	Placenta	

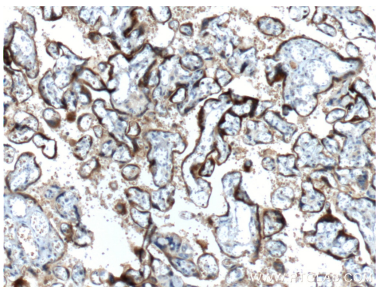
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

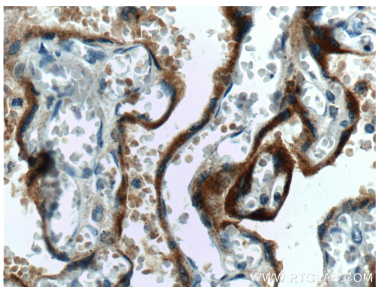
*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 60334-1-Ig (hCG beta antibody at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 60334-1-Ig (hCG beta antibody at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).