

For Research Use Only

hCG Beta Monoclonal antibody



Catalog Number: 60334-1-Ig **1 Publications**

Basic Information

Catalog Number: 60334-1-Ig	GenBank Accession Number: BC022796	Purification Method: Protein A purification
Size: 150UL, Concentration: 787 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1082	CloneNo.: 2D6B8
Source: Mouse	Full Name: CG beta	Recommended Dilutions: IHC 1:50-1:500
Isotype: IgG2a	Calculated MW: 165 aa, 18 kDa	
Immunogen Catalog Number: AG2191		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human placenta tissue,
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	

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	WB

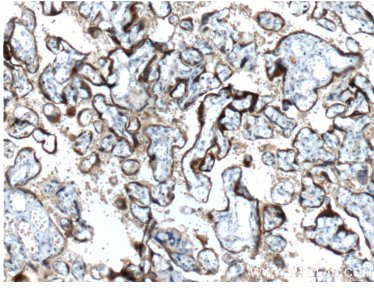
Storage

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

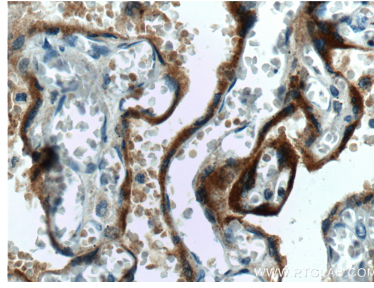
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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).