

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: 1400 µg/ml	GeneID (NCBI): 1082	CloneNo.: 2D6B8
Source: Mouse	UNIPROT ID: PODN86	Recommended Dilutions: IHC 1:50-1:500
Isotype: IgG2a	Full Name: CG beta	
Immunogen Catalog Number: AG2191	Calculated MW: 165 aa, 18 kDa	

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.

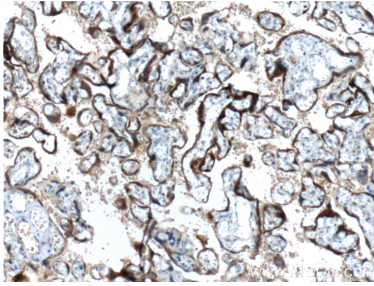
Notable Publications

Author	Pubmed ID	Journal	Application
Mengdi Li	28623977	Placenta	

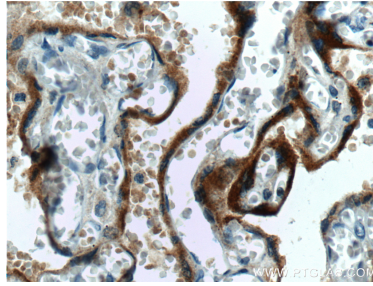
Storage

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

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).