

For Research Use Only

# hCG Beta Monoclonal antibody, PBS Only



Catalog Number: 60334-1-PBS

## Basic Information

<b>Catalog Number:</b> 60334-1-PBS	<b>GenBank Accession Number:</b> BC022796	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1082	<b>CloneNo.:</b> 2D6B8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> PODN86	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> CG beta	
<b>Immunogen Catalog Number:</b> AG2191	<b>Calculated MW:</b> 165 aa, 18 kDa	

## Applications

**Tested Applications:**  
IHC, Indirect ELISA

**Species Specificity:**  
human

## 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.

## Storage

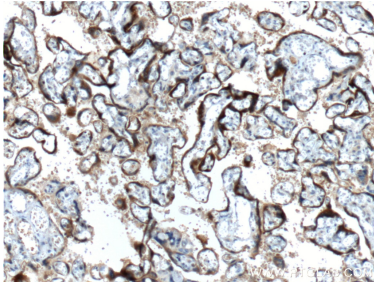
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

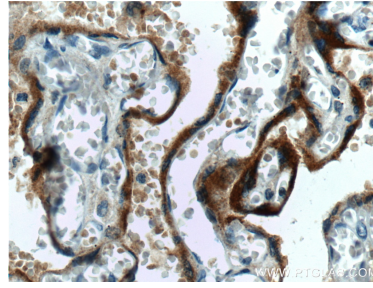
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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). This data was developed using the same antibody clone with 60334-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 60334-1-PBS in a different storage buffer formulation.