

For Research Use Only

hCG Beta Monoclonal antibody, PBS Only (Detector)

Catalog Number: 60334-1-PBS



Basic Information

Catalog Number: 60334-1-PBS	GenBank Accession Number: BC022796	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 1082	CloneNo.: 2D6B8
Source: Mouse	UNIPROT ID: P0DN86	
Isotype: IgG2a	Full Name: CG beta	
Immunogen Catalog Number: AG2191	Calculated MW: 165 aa, 18 kDa	

Applications

Tested Applications:
IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

60334-1-PBS targets hCG Beta as part of a matched antibody pair:

MP50292-1: 60334-2-PBS capture and 60334-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

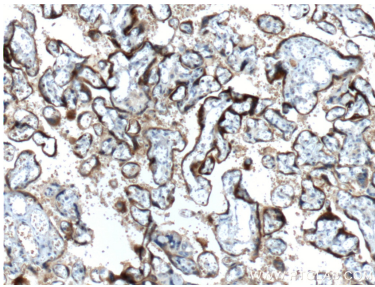
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

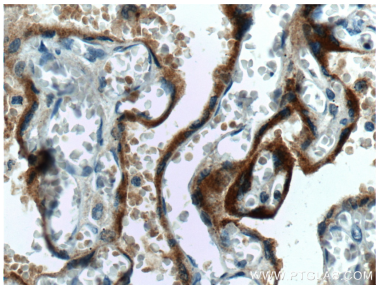
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

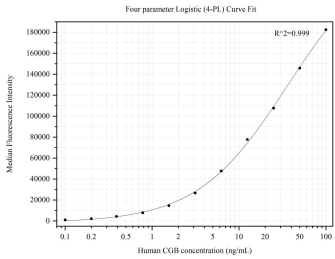
Selected Validation Data



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.



Cytometric bead array standard curve of MP50292-1, CGB,hCG Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60334-2-PBS. Detection antibody: 60334-1-PBS. Standard:Ag2191. Range: 0.098-100 ng/mL