

For Research Use Only

hCG Beta Recombinant antibody, PBS Only

Catalog Number: 85800-7-PBS



Basic Information

Catalog Number: 85800-7-PBS	GenBank Accession Number: GeneID (NCBI): 1082	Purification Method: Protein A purification
Concentration: 1 mg/ml	UNIPROT ID: P0DN86	CloneNo.: 250118E6
Source: Rabbit	Full Name: CG beta	
Isotype: IgG	Observed MW: 20-25 kDa	
Immunogen Catalog Number: EG3378		

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

Beta-hCG (beta-human chorionic gonadotropin) is a glycoprotein hormone produced by the placenta during pregnancy. It is a critical marker used in both obstetrics and oncology for various diagnostic and monitoring purposes. hCG is composed of two subunits: an alpha subunit (similar to other glycoprotein hormones like LH, FSH, and TSH) and a unique beta subunit (β -hCG). The beta subunit is the primary focus for diagnostic tests due to its specificity. β -hCG is initially secreted by the syncytiotrophoblast cells surrounding the developing embryo and later by the placenta.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

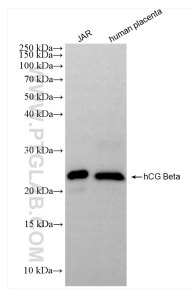
T: 4006900926

E: Proteintech-CN@ptglab.com

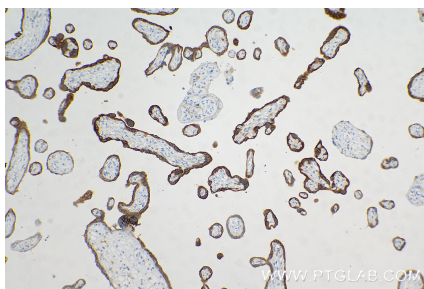
W: ptgcn.com

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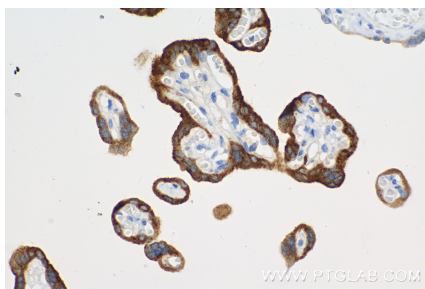
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85800-7-RR (hCG Beta antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85800-7-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 85800-7-RR (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 85800-7-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 85800-7-RR (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 85800-7-PBS in a different storage buffer formulation.