

**CGB/HCG-Beta Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13036b****Specification**

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**CGB/HCG-Beta Antibody (C-term) Blocking peptide - Product Information**Primary Accession [P01233](#)**CGB/HCG-Beta Antibody (C-term) Blocking peptide - Additional Information****Other Names**

Choriogonadotropin subunit beta, CG-beta, Chorionic gonadotrophin chain beta, CGB, CGB3

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CGB/HCG-Beta Antibody (C-term) Blocking peptide - Protein Information****CGB/HCG-Beta Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**CGB/HCG-Beta Antibody (C-term) Blocking peptide - Images****CGB/HCG-Beta Antibody (C-term) Blocking peptide - Background**

This gene is a member of the glycoprotein hormone betachain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and a 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. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene.

**CGB/HCG-Beta Antibody (C-term) Blocking peptide - References**

Cole, L.A. Placenta 31(8):653-664(2010) Ra, Y.J., et al. Interact Cardiovasc Thorac Surg 11(1):114-116(2010) Verma, B., et al. J. Immunol. 184(4):2156-2165(2010) Handschuh, K., et al.

Placenta 30(12):1016-1022(2009)Reisenbichler, E.S., et al. Breast J 15(5):527-530(2009)