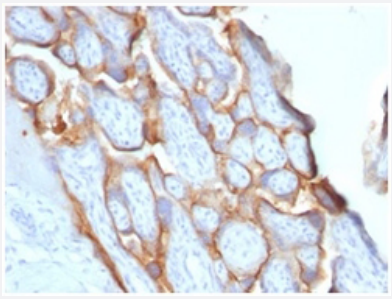
RecomAb™

# CGB recombinant monoclonal antibody, clone HCGb/1996R

Catalog # RAB00537 Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against full length human CGB. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Recombinant protein corresponding to full-length human CGB. |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein A/G purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 1 mg/mL PBS |
| **Storage Instruction** | Store at -20 to -80°C. |

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## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human placenta.

## Gene Info — CGB

| | |
|---|---|
| **Entrez GeneID** | 1082 |
| **Protein Accession#** | P01233 |
| **Gene Name** | CGB |
| **Gene Alias** | CGB3, hCGB |
| **Gene Description** | chorionic gonadotropin, beta polypeptide |
| **Omim ID** | 118860 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 sub unit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a co mmon alpha subunit and an unique beta subunit which confers biological specificity. CG is produc ed by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids t hat are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 gene s which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq |
| **Other Designations** | chorionic gonadotropin beta 3 subunit\|chorionic gonadotropin beta chain\|chorionic gonadotropin beta subunit |

## Disease

- Abortion
- Genetic Predisposition to Disease

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