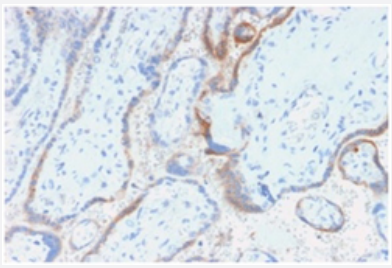
RecomAb™

CGB recombinant monoclonal antibody, clone rHCGb/54

Catalog # RAB00470 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with CGB recombinant monoclonal antibody, clone rHCGb/54 (Cat # RAB00470).

Specification

Product Description	Mouse recombinant monoclonal antibody raised against full length recombinant human CGB.
Antibody Species	Mouse
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human CGB.
Theoretical MW (kDa)	22
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS

Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with CGB recombinant monoclonal antibody, clone rHCGb/54 (Cat # RAB00470).

Gene Info — CGB

Entrez GeneID	1082
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