

## 人 $\beta$ 亚基人绒毛膜促性腺激素( $\beta$ HCG)抗体

产品货号 : mIR0953

英文名称 : hCG beta

中文名称 : 人  $\beta$  亚基人绒毛膜促性腺激素( $\beta$  HCG)抗体

别 名 : HCG beta; Beta-HCG; Anterior pituitary glycoprotein hormones common subunit alpha; beta-HCG; CG ALPHA; CG beta a; CG beta; CGA; CGB; CGB1; CGB2; CGB3; CGB5; CGB7; CGB8; Choriogonadotropin alpha chain; Choriogonadotropin subunit beta; Chorionic gonadotrophin alpha subunit; Chorionic gonadotrophin chain beta; Chorionic gonadotropin alpha polypeptide; Chorionic gonadotropin beta 5 subunit; Chorionic gonadotropin beta 7 subunit; Chorionic gonadotropin beta 8 subunit; Chorionic gonadotropin beta chain; Chorionic gonadotropin beta polypeptide 1; Chorionic gonadotropin beta polypeptide 2; Chorionic gonadotropin beta polypeptide 5; Chorionic gonadotropin beta polypeptide 7; Chorionic gonadotropin beta polypeptide; Chorionic gonadotropin beta subunit; CGHB\_HUMAN

研究领域 : 肿瘤 免疫学

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human,

产品应用 : ELISA=1:500-1000 IHC-F=1:400-800 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 16kDa

细胞定位 : 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human Beta-HCG:81-165/165

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). 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. 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. [provided by RefSeq].

**Function:**

Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.

**Subunit:**

Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Placenta.

**Similarity:**

Belongs to the glycoprotein hormones subunit beta family.

**SWISS:**

P01233

**Gene ID:**

1082

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

HCG 是由胎盘合体滋养层细胞产生的一种糖蛋白激素，HCG- $\beta$  主要用于胎盘滋养细胞和生殖细胞肿瘤如葡萄胎、绒癌的诊断和辅助诊断。