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## 39-1059: Anti-beta-HCG Monoclonal Antibody (Clone: PC-2)

Clonality: Monoclonal

Clone Name: PC-2
Application: IHC-P
Reactivity: Human
Gene: CGB3
Gene ID: 1082
Uniprot ID: P0DN86

Alternative Name: Choriogonadotropin subunit beta; CG-beta; Chorionic gonadotrophin chain beta; CGB; CGB3;

CGB5; CGB7; CGB8

**Isotype:** Mouse IgG1

Immunogen Information: Purified human Chorionic Gonadotropin.

## Description

beta-HCG(beta-Human Chorionic Gonadotropin), also termed as Chorionic Gonadotropin, Beta Chain(CGB). It is encoded by a multigene cluster composed of six homologous sequences. And in the family of beta-containing glycoprotein hormones, beta-HCG is unique in that it contains an extension of 29 amino acids at its COOH end. beta-HCG is mapped to 19q13.32 and expressed in trophoblast and various malignant tumors promotes cellular motility in vivo. beta-HCG has a novel function in uterine adaptation to early pregnancy as well as in tumor development and underline the importance of HCG as an as yet unrecognized angiogenic factor.

## **Product Info**

 $\begin{array}{ll} \textbf{Amount:} & 100 \ \mu \text{g/vial} \\ \textbf{Purification:} & \text{Ascites} \end{array}$ 

Content: Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.

Reconstitute: Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Storage condition:

At -20?C for one year. After reconstitution, at 4?C for one month. It can also be aliquotted and

stored frozen at -20?C for a longer time. Avoid repeated freezing and thawing.

## **Application Note**

Immunohistochemistry(Paraffin-embedded Section): 2μg/ml

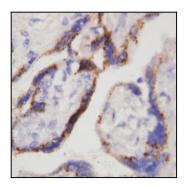


Figure 1: Anti-beta-HCG antibody(monoclonal) 39-1059. IHC(P): Human Placenta Tissue.