

Anti-Beta-HCG Antibody (Monoclonal, PC-2)

Catalog # ABO10491

Product Information

Application	IHC-P
Primary Accession	P01233
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human
Clonality	Monoclonal
Format	Lyophilized
Description	Mouse IgG monoclonal antibody for beta-HCG, chorionic gonadotropin, beta polypeptide (CGB) detection. Tested with IHC-P in Human. Cross-reactivities with LH, FSH and TSH are less than 0.3%.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Additional Information

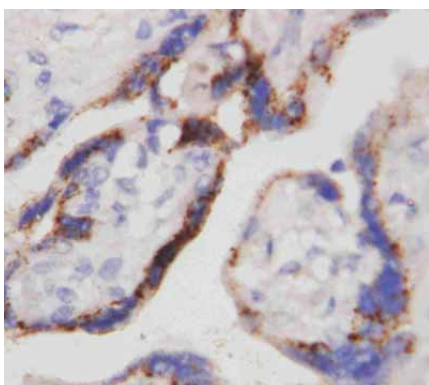
Calculated MW	17739 Da
Application Details	Immunohistochemistry(Paraffin-embedded Section), 2 µg/ml, Human, By Heat
Subcellular Localization	Secreted.
Tissue Specificity	Placenta.
Protein Name	Choriogonadotropin subunit beta
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Clone Names	PC-2
Immunogen	Purified human Chorionic Gonadotropin.
Purification	Ascites
Cross Reactivity	Cross-reactivities with LH, FSH and TSH are less than 0.3%.
Storage	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.
Sequence Similarities	Belongs to the glycoprotein hormones subunit beta family.

Protein Information

Background

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.

Images



Anti-beta-HCG antibody (monoclonal), ABO10491,
IHC(P)IHC(P): Human Placenta Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.