

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

Catalog Number: MA1111

About CGB

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.

Overview

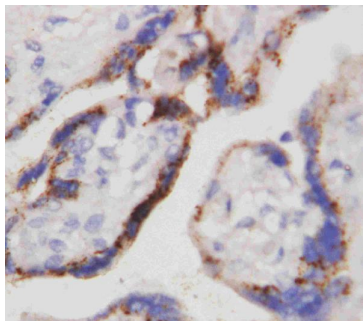
Product Name	Anti-Beta-HCG CGB Antibody (Monoclonal, PC-2)
Reactive Species	Human
Description	Boster Bio Anti-Beta-HCG CGB Antibody (Monoclonal, PC-2) catalog # MA1111. Tested in IHC applications. This antibody reacts with Human.
Application	IHC
Clonality	Monoclonal PC-2
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P01233

Technical Details

Immunogen	Purified human Chorionic Gonadotropin.
Recommended Detection Systems	Boster recommends HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	Cross-reactivities with LH, FSH and TSH are less than 0.3%.
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 2ug/ml, Human

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Anti-Beta-HCG CGB Antibody (Monoclonal, PC-2) (MA1111) Images



Anti-beta-HCG antibody (monoclonal), MA1111,
IHC(P)IHC(P): Human Placenta Tissue

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For Research Use Only. Not for use in diagnostic procedures.