BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Beta-HCG CGB Antibody (Monoclonal, 36C04)

Catalog Number: M30373-1

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.

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Overview

Product Name	Anti-Beta-HCG CGB Antibody (Monoclonal, 36C04)
Reactive Species	Human
Description	Boster Bio Anti-Beta-HCG CGB Antibody (Monoclonal, 36C04) catalog # M30373-1. Tested in IHC applications. This antibody reacts with Human.
Application	IHC
Clonality	Monoclonal 36C04
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
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%.

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