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36-3030: Monoclonal Antibody to HCG beta (Clone: 2C5)(Discontinued)

Clonality: Monoclonal

Clone Name: 2C5 Application: IHC Reactivity: Human Gene: **CGB** Gene ID: 1082 **Uniprot ID:** P01233 Format: Purified **Alternative Name:** CGB,CGB3

Isotype: Mouse IgG1 Kappa

Immunogen Information: Full-length recombinant hCG-beta protein was used as immunogen.

Description

hCG (Human Chorionic Gonadotropin) is a peptide hormone and a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of CG (Chorionic Gonadotropin). This protein plays a major role in pregnancy initiation and progression and is involved in trophoblast differentiation and fusion. After implantation, hCG is the first trophoblast signal detected in the maternal blood and is absolutely necessary for placental development.

Product Info

Amount : 100 μg

Purification: Protein G Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Immunohistochemical analysis: 1:200-1:500

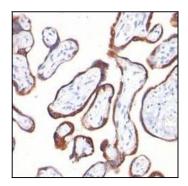


Fig: 1 Immunohistochemical analysis of HCG beta in human placenta using HCG beta antibody (Clone: 2C5) at 1: 200 dilution.