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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 **Purified** Format: **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:  $100 \mu g$ 

**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 :** 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

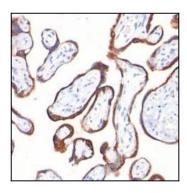


Fig: 1 Immunohistochemical analysis of HCG beta in human placenta using HCG beta antibody (Clone: 2C5) at 1: 200 dilution.