

### 30-1054: Anti-Chorionic gonadotropin (beta-hCG) Monoclonal Antibody (Clone:HCG-61)

|                                |                               |
|--------------------------------|-------------------------------|
| <b>Clonality :</b>             | Monoclonal                    |
| <b>Clone Name :</b>            | HCG-61                        |
| <b>Application :</b>           | ICC, ELISA                    |
| <b>Reactivity :</b>            | Human                         |
| <b>Gene :</b>                  | CGB3                          |
| <b>Gene ID :</b>               | 1082                          |
| <b>Uniprot ID :</b>            | PODN86                        |
| <b>Format :</b>                | Purified                      |
| <b>Alternative Name :</b>      | CGB3,CGB                      |
| <b>Isotype :</b>               | Mouse IgG2b                   |
| <b>Immunogen Information :</b> | Human chorionic gonadotropin. |

#### Description

hCG is a protein of the molecular weight about 40 kDa. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. The other hormones are produced by anterior pituitary gland. All these hormones are structurally related being composed of two noncovalently associated subunits alpha and beta.

#### Product Info

|                            |                                               |
|----------------------------|-----------------------------------------------|
| <b>Amount :</b>            | 0.1 mg                                        |
| <b>Purification :</b>      | Purified by protein-A affinity chromatography |
| <b>Storage condition :</b> | Store at 2-8°C. Do not freeze.                |