

## PRODUCT SPECIFICATION

### Monoclonal antibody to Human Chorionic Gonadotropin, $\beta$ -Subunit ( $\beta$ -hCG)

**Catalog Number:** MC097      **Part Number:** 90000

**Clone Number:** BC001

**Source:** Murine

**Immunogen:** Purified  $\beta$ -hCG from human pregnancy urine

**Purification Method:** Ion-Exchange, Protein A, and Gel Filtration

**Form**

Clear liquid - Buffer: 50mM Sodium Phosphate, 150mM Sodium Chloride, 0.05% Sodium Azide, pH 7.4  $\pm$  0.1

**Purity Specification**

Protein A purified IgG fraction.  
 $\geq$  95% by SDS-PAGE

**Protein / Content Specification**

$\geq$  5 mg/ml by A280 (E<sub>mg/ml</sub> = 1.4)

**Characteristics Specification**

IgG<sub>1</sub> Isotype.  
K<sub>a</sub> = 2 x 10<sup>10</sup>  
Specific for intact hCG and free  $\beta$ -hCG

**Storage / Shipping**

Product is shipped using a refrigerated gel pack (**not temperature monitored**). On arrival, store refrigerated at 2°C to 8°C. Do not freeze!

**Precaution / Hazard Statement**

This product is not considered a biohazard. Handle using normal laboratory procedures.

**Intended Use:** For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.