

## MATERIAL

<b>Description</b>	Monoclonal antibody to Human Chorionic Gonadotropin, $\beta$ -Subunit (Mab, $\beta$ -hCG)
<b>Catalog No.</b>	MC097
<b>Part No.</b>	90000
<b>Clone No.</b>	BC001
<b>Lot No.</b>	2273006
<b>Source</b>	Murine
<b>Immunogen</b>	Purified $\beta$ -hCG from human pregnancy urine
<b>Purified By</b>	Ion-Exchange, Protein A, and Gel Filtration
<b>Storage</b>	2°C to 8°C. Do Not Freeze!
<b>Form</b>	Clear liquid - Buffer: 50mM Sodium Phosphate, 150mM Sodium Chloride, 0.05% Sodium Azide, pH 7.4 $\pm$ 0.1
<b>Intended Use</b>	For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.
<b>Precaution</b>	This product is not considered a biohazard. Handle using normal laboratory procedures.

## BATCH DATA

### *Purity Specification:*

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

### *Purity Result:*

> 98% by SDS-PAGE

### *Protein/Content Specification:*

$\geq 5$  mg/ml by A<sub>280</sub> (E<sub>mg/ml</sub> = 1.4)

### *Protein/Content Result:*

6.2 mg/ml

### *General Information:*

IgG<sub>1</sub> Isotype  
Specific for intact hCG and free  $\beta$ -hCG  
K<sub>a</sub> =  $2 \times 10^{10}$

**Manufacturing/Assay Date - 8/28/2007**

*On-line Certificate*

*Signature Not Required* August 29, 2007

Laboratory Manager