

## PRODUCT SPECIFICATION

### Monoclonal antibody to Human Chorionic Gonadotropin, β-Subunit (β-hCG)

**Catalog Number:** MC095      **Part Number:** 90176

**Clone Number:** AC001

**Source:** Murine

**Immunogen:** Purified β-hCG from human pregnancy urine

**Purification Method:** Ion-Exchange Chromatography

#### **Form**

Clear liquid - Buffer: 50mM Phosphate Buffered Saline, 0.1% Sodium Azide, pH 7.4 ± 0.1

#### **Purity Specification**

DEAE purified IgG fraction

#### **Protein / Content Specification**

Report protein concentration by A<sub>280</sub> (E<sub>mg/ml</sub> = 1.4)

#### **Characteristics Specification**

Mouse IgG<sub>1</sub> isotype.

$K_a = 1 \times 10^{10}$

Specific for intact hCG and free β-hCG

#### **Storage / Shipping**

Product is shipped using a refrigerated gel pack or dry ice (**not temperature monitored**). On arrival, store refrigerated at 2°C to 8°C or frozen in aliquots below -15°C. Avoid repeated freeze-thaw cycles.

#### **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.