



PRODUCT SPECIFICATION

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

Catalog Number: MC085 **Part Number:** 90175

Clone Number: BC005

Source: Murine

Immunogen: Purified α -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 \pm 0.1

Purity Specification

DEAE purified IgG fraction

Protein / Content Specification

Report protein concentration by A_{280} ($E_{mg/ml} = 1.4$)

Characteristics Specification

Mouse IgG₁ isotype.

$K_a = 4 \times 10^{10}$

Specific for intact hCG and free α -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.

Manufacturers of the highest quality proteins and antibodies.