

PRODUCT SPECIFICATIONS PACKET

Monoclonal Antibodies to β -hCG

<u>Cat. No.</u>	<u>Part No.</u>	<u>Clone No.</u>	<u>Purification</u>	<u>Characteristics</u>
MC095	90176	AC001	DEAE Chromatography	$K_a = 1 \times 10^{10}$
MC097	90000	BC001	Protein A Chromatography	$K_a = 2 \times 10^{10}$

(Scroll down to view/print individual Product Specification sheets.)

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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 \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.

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

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.

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PRODUCT SPECIFICATION

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

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

Clone Number: BC001

Source: Murine

Immunogen: Purified β -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 A_{280} ($E_{mg/ml} = 1.4$)

Characteristics Specification

IgG₁ Isotype.
 $K_a = 2 \times 10^{-10}$
Specific for intact hCG and free β -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.

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