

## Monoclonal Anti-Alpha hCG (Human Chorionic Gonadotropin)

### Specification Sheet

<b>Catalog #:</b>	MH011
<b>Lot #:</b>	1246
<b>Description:</b>	Monoclonal Anti-alpha hCG (human chorionic gonadotropin)
<b>Specificity:</b>	hCG 100% Beta-hCG 0.0% Alpha-hCG 210% LH 49% FSH 150% TSH 85%
<b>Clone:</b>	1C5
<b>Host Animal:</b>	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
<b>Isotype:</b>	IgG1, kappa light chain
<b>Source:</b>	Mouse ascites
<b>Immunogen:</b>	Alpha-hCG purified from human urine
<b>Format:</b>	Purified, liquid
<b>Purification:</b>	DEAE chromatography
<b>Concentration:</b>	5.06 mg/mL (OD280 nm, $E^{0.1\%} = 1.40$ )
<b>Affinity Constant:</b>	$2.1 \times 10^{11}$
<b>Buffer:</b>	0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% $\text{NaN}_3$ , pH=7.2
<b>Pairing Assays:</b>	Pairs with MH014
<b>Purity:</b>	>95% by HPLC and SDS-PAGE
<b>Application:</b>	hCG quantitative assays by EIA and rapid test
<b>Storage:</b>	2-8° C for 1 year. Store at -20° C for long term.

**For research use only**