

## Monoclonal Anti-Human Chorionic Gonadotropin (hCG)

### Specification Sheet

|                           |  |
|---------------------------|--|
| <b>Catalog #:</b>         | MH013  |
| <b>Lot #:</b>             | 1114   |
| <b>Description:</b>       | Monoclonal Anti-Human Chorionic Gonadotropin (hCG)                                 |
| <b>Specificity:</b>       | hCG 100%<br>Beta-hCG 180%<br>Alpha-hCG 0.00%<br>LH 0.00%<br>FSH 0.01%<br>TSH 0.01% |
| <b>Clone:</b>             | 1G62B8   |
| <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>         | hCG purified from human urine  |
| <b>Format:</b>            | Purified, liquid   |
| <b>Purification:</b>      | DEAE chromatography  |
| <b>Concentration:</b>     | 3.76 mg/mL (OD280 nm, $E^{0.1\%} = 1.40$ )   |
| <b>Affinity Constant:</b> | Not determined   |
| <b>Buffer:</b>            | 0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> , pH=7.2     |
| <b>Pairing Assays:</b>    | Pairs with MH011   |
| <b>Purity:</b>            | >95% by HPLC and SDS-PAGE  |
| <b>Application:</b>       | hCG quantitative assays by EIA   |
| <b>Storage:</b>           | 2-8° C for 1 year. Store at -20° C for long term.                                  |

**For research use only**