

## **Monoclonal Anti-Cross Reactive Protein (CRP)**

### **Specification Sheet**

|                           |   |
|---------------------------|---|
| <b>Catalog #:</b>         | MC043   |
| <b>Lot #:</b>             | 1431  |
| <b>Description:</b>       | Monoclonal Antibody to Cross Reactive Protein                                     |
| <b>Specificity:</b>       | Specific to CRP; no cross reaction with other human serum proteins                |
| <b>Clone:</b>             | 3E42A5  |
| <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>         | CRP purified from human serum   |
| <b>Format:</b>            | Purified, liquid  |
| <b>Purification:</b>      | DEAE chromatography   |
| <b>Concentration:</b>     | 5.32 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>    | N/A   |
| <b>Purity:</b>            | >95% by HPLC and SDS-PAGE   |
| <b>Application:</b>       | CRP quantitative assays by EIA  |
| <b>Storage:</b>           | 2-8° C for 1 year. -20° C for long term.  |

**For research use only**