

**Monoclonal Anti-Calprotectin**

**Specification Sheet**

|                           |   |
|---------------------------|---|
| <b>Catalog #:</b>         | MC141   |
| <b>Lot #:</b>             | D4360   |
| <b>Description:</b>       | Mab to human calprotectin   |
| <b>Specificity:</b>       | This antibody reacts with human calprotectin                                      |
| <b>Clone:</b>             | 1B22G9  |
| <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>         | Human calprotectin from neutrophils   |
| <b>Format:</b>            | Purified, liquid  |
| <b>Purification:</b>      | DEAE chromatography   |
| <b>Concentration:</b>     | 3.54 mg/ml (OD280 nm, E <sup>0.1%</sup> = 1.40)                                   |
| <b>Affinity Constant:</b> | Not determined  |
| <b>Buffer:</b>            | 0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> , pH7.2    |
| <b>Pairing Assays:</b>    | Pair with MC142, MC143 and MC144  |
| <b>Application:</b>       | For human calprotectin quantitative assays by EIA                                 |
| <b>Purity:</b>            | >95% by HPLC and SDS-PAGE   |
| <b>Storage:</b>           | 2-8° C for 2 years. Long-term store at -20° C                                     |

**For research use only**