

## Monoclonal Anti-human Collagen Type IV

### Specification Sheet

|                           |   |
|---------------------------|---|
| <b>Catalog #:</b>         | MC031   |
| <b>Lot #:</b>             | 1356  |
| <b>Description:</b>       | Monoclonal Anti-Human Collagen Type IV  |
| <b>Specificity:</b>       | This antibody is specific to human collage type IV.                               |
| <b>Clone:</b>             | 4D8C10  |
| <b>Host Animal:</b>       | Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse |
| <b>Isotype:</b>           | IgG1  |
| <b>Source:</b>            | Mouse ascites   |
| <b>Immunogen:</b>         | Human collage type IV   |
| <b>Format:</b>            | Purified, liquid  |
| <b>Purification:</b>      | DEAE chromatography   |
| <b>Concentration:</b>     | 6.17 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 MC032 and MC034  |
| <b>Purity:</b>            | >95% by HPLC and SDS-PAGE   |
| <b>Application:</b>       | Human collagen type IV quantitative assays by EIA                                 |
| <b>Storage:</b>           | 2-8° C for 1 year. Store at -20° C for long term.                                 |

**For research use only**