



## PERFORMANCE DATA SHEET

2007

### *Monoclonal Mouse IgG1/R-PE*\*

*Clone: MOPC 31C*

**CATALOG#:** 278-050

**CONCENTRATION:** 0.5 mg/ml

**QUANTITY:** 100 µg

**INFORMATION:** Immunoglobulin expressed by the mouse plasmacytoma MOPC 31C is an IgG1κ isotype of unknown specificity. It is used as a negative control when working with human cells.

**STORAGE CONDITIONS:** *Store at 2 - 5°C. Do not freeze! Protect from light.*

**PRODUCT STABILITY:** Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: \_\_\_\_\_

**BUFFER:** 50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA, 0.04% NaN<sub>3</sub> (as a preservative).

**PRODUCTION:** Protein A purified antibody from tissue culture supernatant was conjugated to R-Phycoerythrin through a sulfo-ester linkage. Unconjugated antibody was removed using size exclusion chromatography.

**PERFORMANCE:** Mouse IgG1/R-PE was tested as a negative control in Flow cytometry at 20 µg/ml. All cells tested failed to stain or display a significant mean shift above a buffer background.

**Cells tested:** Human PBL, HPB-MLT, and Nalm-6.

*\*This Product is intended for Laboratory Research use only.* R-Phycoerythrin (R-PE) is covered under patents: U.S. 4,520,110; European 76,695 and Canadian 1,179,942.