



## PERFORMANCE DATA SHEET

3307

### *Monoclonal Mouse IgG1/FITC\**

*Clone: MOPC 31C*

**CATALOG#:** 278-040

**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.* Freeze/Thawing is not recommended. 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, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN<sub>3</sub> (as a preservative).

**PRODUCTION:** Protein A purified antibody from tissue culture supernatant was reacted with FITC. Unconjugated FITC was separated from antibody/FITC conjugate by desalting column. The antibody/FITC conjugate is at **0.5 mg/ml** with a Fluorescein/Antibody molar ratio of 8.7.

**PERFORMANCE:** Mouse IgG1/FITC was tested as a negative control in Flow cytometry at 10µg/ml. All cells tested failed to stain or display a significant mean shift above a buffer background.

**Cells tested:** Human PBL, CEM, HPB-MLT, U-937, Nalm-6, and Raji (cells expressing Fc receptors were pre-blocked with human IgG).

*\*Research Use Only. Not for use in Diagnostic procedures..*