



## PERFORMANCE DATA SHEET

3120

### *Monoclonal Mouse IgM/FITC\**

*Clone: TEPC 183*

**CATALOG#:** 290-040

**CONCENTRATION:** 0.5 mg/ml

**QUANTITY:** 100 µg

**INFORMATION:** Immunoglobulin expressed by the mouse plasmacytoma TEPC 183 is an IgM isotype of unknown binding specificity. It is used as a negative control when working with human cells.

**STORAGE CONDITIONS:** *Store at 2 - 5<sup>o</sup> 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, 5% Glycerol, 0.2% BSA, 0.04% NaN<sub>3</sub> (as a preservative).

**PRODUCTION** Antibody from (low FBS containing) tissue culture supernatant was size exclusion purified to >90% Immunoglobulin by SDS-PAGE, and reacted with FITC. Unconjugated FITC was removed from conjugate using a desalting column. Antibody conjugate is at **0.5 mg/ml** with a Fluorescein/IgM molar ratio of 30.8.

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

**Cells tested:** Human PBL, Nalm-6, Daudi, and Raji (cells were pre-incubated with human IgG to block nonspecific binding).

*\*This Product is intended for Laboratory Research use only.*