

PERFORMANCE DATA SHEET

1818

*Monoclonal Mouse IgM/FITC**

Clone: TEPC 183

CATALOG#: 290-040

CONCENTRATION: 1.0 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° 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% NaN₃ (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 41.1.

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, HPB-MLT, Nalm-6, Molt-4, and Raji.

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