

PERFORMANCE DATA SHEET

1818

Monoclonal Mouse IgM/Biotin

Clone: TEPC 183

CATALOG#: 290-030

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Immunoglobulin expressed by the mouse plasmacytoma TEPC 183 is an IgMk 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!

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 NHS-Biotin. Unconjugated Biotin was removed from conjugate using a desalting column. Biotin to antibody molar ratio was determined to be **66** using the HABA method.

PERFORMANCE: Mouse IgM/Biotin was tested as a negative control in Flow cytometry at 5 µg/ml using Streptavidin/R-Phycoerythrin (Catalog #253-050) as a 2^o reagent. **Cells tested:** Human PBL, HPB-MLT, Nalm-6, Jurkat, and Raji.

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