

PERFORMANCE DATA SHEET

1818

Monoclonal Mouse IgG2a/FITC*

Clone: RPC 5

CATALOG#: 281-040

QUANTITY: 100 µg

CONCENTRATION: 0.5 mg/ml

INFORMATION: Immunoglobulin expressed by the mouse plasmacytoma hybridoma RPC 5 is an IgG2a 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% NaN₃ (as a preservative).

PRODUCTION: Antibody from (low FBS containing) tissue culture supernatant was Protein A purified to 95% 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**.

PERFORMANCE: Mouse IgG2a/FITC was tested as a negative control in Flow cytometry at 5 µg/ml. All cells tested failed to stain or display a significant mean shift above a buffer background.

Cells tested: Human PBL, Jurkat, HPB-MLT, Nalm-6, Raji, CEM (Cells were pre incubated with human IgG to block nonspecific binding).

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