

PERFORMANCE DATA SHEET

1818

Monoclonal Mouse IgG2a*

Clone: RPC 5

CATALOG#: 281-010

QUANTITY: 100 µg

CONCENTRATION: 1.0 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.

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, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

PRODUCTION: Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin.

PERFORMANCE: Mouse IgG2a was tested as a negative control in Flow cytometry at 20 µg/ml using Goat anti-Mouse IgG/FITC (Cat # 232-010) as a 2⁰ reagent. All cells tested failed to stain or display a significant mean shift above a buffer background.

Cells tested: Human PBL, HPB-MLT, Nalm-6, Raji, HL60 and KG-1 (cells were pre-blocked with human IgG to prevent nonspecific binding).

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