



PERFORMANCE DATA SHEET

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*Monoclonal Mouse IgG2a**

Clone: RPC 5

CATALOG#: 281-810 (Preservative Free)

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. Open under aseptic conditions.* 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.

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. Product was 0.2 µm filtered and vialled under aseptic conditions.

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 2^o 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)

** Research Use Only. Not for use in Diagnostic procedures.*