

**PERFORMANCE DATA SHEET**

1818

***Monoclonal Mouse IgG2a/R-PE\****

*Clone: RPC 5*

**CATALOG#: 281-050**

**QUANTITY: 100 µg**

**CONCENTRATION: 0.5 mg/ml**

**INFORMATION:** Immunoglobulin expressed by the mouse tumor line RPC 5 is an IgG2ak isotype of unknown binding specificity and 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, 15% Glycerol, 0.3% BSA, 0.04% NaN<sub>3</sub> (as a preservative).

**PRODUCTION:** Antibody was Protein A purified from (low FBS containing) tissue culture supernatant and was conjugated to R-Phycoerythrin through a sulfo-ester linkage. Unconjugated antibody was removed using size exclusion chromatography.

**PERFORMANCE:** Mouse IgG2a/R-PE 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, CEM, HPB-MLT, Nalm-6, Jurkat, U937, Molt-4, Raji, Daudi and KG-1 (cells were pre blocked with human IgG to reduce nonspecific binding).

***\*This Product is intended for Laboratory Research use only.*** R-Phycoerythrin (R-PE) is covered under patents: U.S. 4,520,110; European 76,695 and Canadian 1,179,942.