

PERFORMANCE DATA SHEET

1818

Monoclonal Mouse IgG3/R-PE*

Clone: SIPC 3385

CATALOG#: 287-050

CONCENTRATION: 0.5 mg/ml

QUANTITY: 100 µg

INFORMATION: Immunoglobulin expressed by the mouse plasmacytoma hybridoma SIPC 3385 is an IgG3 isotype of unknown specificity. It 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, 0.2% BSA, 0.04% NaN₃ (as a preservative).

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

PERFORMANCE: Mouse IgG3/R-PE was tested as a negative control in Flow cytometry at 5µg/ml. All cells tested failed to stain or display a significant mean shift above a buffer background.

Cells tested: Human PBL, HPB-MLT, Nalm-6, U937, Molt-4, and Raji (cells expressing Fc receptors were pre-blocked with human IgG).

****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.