



PERFORMANCE DATA SHEET

3307

Monoclonal Mouse IgG3/FITC*

Clone: SIPC 3385

CATALOG#: 287-040

QUANTITY: 100 µg

CONCENTRATION: 0.5 mg/ml

INFORMATION: Immunoglobulin expressed by the mouse plasmacytoma hybridoma SIPC 3385 is an IgG3κ 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, 500 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Protein A purified antibody from tissue culture supernatant was reacted with FITC. Unconjugated FITC was removed from conjugate using a desalting column. Antibody conjugate is at **0.5 mg/ml** with a Fluorescein/Antibody molar ratio of 8.0.

PERFORMANCE: Mouse IgG3/FITC was tested as a negative control in Flow cytometry at **5 µg/ml**. Cells tested failed to stain or display a significant mean shift above a buffer background.

Cells tested: Human PBL, CEM, Nalm-6, HEL and HL60 (cells expressing Fc receptors were pre blocked with an excess of human IgG).

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