



PERFORMANCE DATA SHEET

3307

Monoclonal Mouse IgG2b/FITC

Clone: BPC 4

CATALOG#: 284-040

CONCENTRATION: 0.5 mg/ml

QUANTITY: 100 µg

INFORMATION: Immunoglobulin expressed by the mouse plasmacytoma hybridoma BPC 4 is an IgG2b 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, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Antibody from (low FBS containing) tissue culture supernatant was Protein A purified to >95% mouse immunoglobulin by SDS-PAGE (<1% bovine immunoglobulin), and 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 8.3.

PERFORMANCE: MIgG2b/FITC was tested as a negative control in Flow cytometry at 20 µg/ml. All cells tested failed to stain or display a significant mean shift above a buffer background.

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

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

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