

PERFORMANCE DATA SHEET

1818

Monoclonal Mouse IgG2b/Biotin*

Clone: BPC 4

CATALOG#: 284-030

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

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 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, 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 NHS-Biotin. Unconjugated Biotin was removed from conjugate using a desalting column.

PERFORMANCE: Mouse IgG2b/Biotin was tested as a negative control in Flow cytometry at 5 µg/ml using Streptavidin R-phycoerythrin (Catalog #253-050) 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, Daudi, Jurkat, HPB-MLT, Nalm-6, U937, Molt-4, HUT 78 and Raji (cells expressing Fc receptors were pre-blocked with human IgG).

**This Product is intended for Laboratory Research use only.*