



## PERFORMANCE DATA SHEET

3307

# Monoclonal Mouse IgG2b\*

*Clone: BPC 4*

**CATALOG#: 284-010**

**QUANTITY: 100 µg**

**CONCENTRATION: 1.0 mg/ml**

**INFORMATION:** Immunoglobulin expressed by the mouse plasmacytoma hybridoma BPC 4 is an IgG2bκ 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.

**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, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

**PRODUCTION:** Immunoglobulin was purified from ascites using salt precipitation, ion exchange and bio-affinity chromatography. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin.

**PERFORMANCE:** Mouse IgG2b was tested as a negative control in Flow cytometry at 5 µg/ml using Goat anti-Mouse IgG/FITC (Cat # 232-010) as a 2<sup>o</sup> reagent. 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).

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

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