

**PERFORMANCE DATA SHEET**

1818

***Monoclonal Mouse IgG3/Biotin\****

*Clone: SIPC 3385*

**CATALOG#: 287-030**

**QUANTITY: 100 µg**

**CONCENTRATION: 1.0 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 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, 500 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN<sub>3</sub> (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 IgG3/Biotin was tested as a negative control in Flow cytometry at 5 µg/ml using Streptavidin R-phycoerythrin (Catalog #253-050) 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, and HEL (cells expressing Fc receptors were pre blocked with human IgG).

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