



**PERFORMANCE DATA SHEET**

3016

***Monoclonal Mouse IgG1 Fab/Biotin\****

*Clone: MOPC 31C*

**CATALOG#: 278-530**

**QUANTITY: 100 µg**

**CONCENTRATION: 0.25 mg/ml**

**INFORMATION:** Immunoglobulin expressed by the mouse plasmacytoma MOPC 31C is an IgG1κ 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, 5% Glycerol, 0.2% BSA, 0.04% NaN<sub>3</sub> (as a preservative).

**PRODUCTION:** Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Immunoglobulin was enzymatically cleaved using Immobilized Ficin. Fab monomer was separated from F(ab')<sub>2</sub>, intact antibody and Fc fragments using Protein A and Size exclusion chromatography. It was then reacted with NHS-Biotin. Unconjugated Biotin was removed from conjugate using a desalting column.

**PERFORMANCE:** Mouse IgG1 Fab was tested as a negative control in Flow cytometry at 20 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, Jurkat, Daudi, and Raji.

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

**Ancell Corporation P.O. Box 87 243 Third Street North Bayport, MN 55003-0087 USA**  
**Phone: Toll free 800-374-9523 or 651-439-0835 Fax: 651-439-1940**