

**PERFORMANCE DATA SHEET**

1818

**Monoclonal anti-human CD84\***

*mAb name/Clone:* 152.1D5

*Isotype:* Mouse IgG1

*Immunogen:* Human MLR stimulated lymphocytes

**CATALOG#:** 305-020

**QUANTITY:** 100 µg

**CONCENTRATION:** 1.0 mg/ml

**INFORMATION:** Human CD84 is a cell surface glycoprotein found on mature B lymphocytes, monocytes, and a subset of T lymphocytes. Antibody 152.1D5 recognizes the CD84 molecule of about 74 kd (1,2).

**References:** 1) Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford (1995) p. 699-700, 1099, 1102. 2) Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 193-195.

**STORAGE CONDITIONS:** Store at 2 - 5°C. Freeze/Thawing is not recommended.

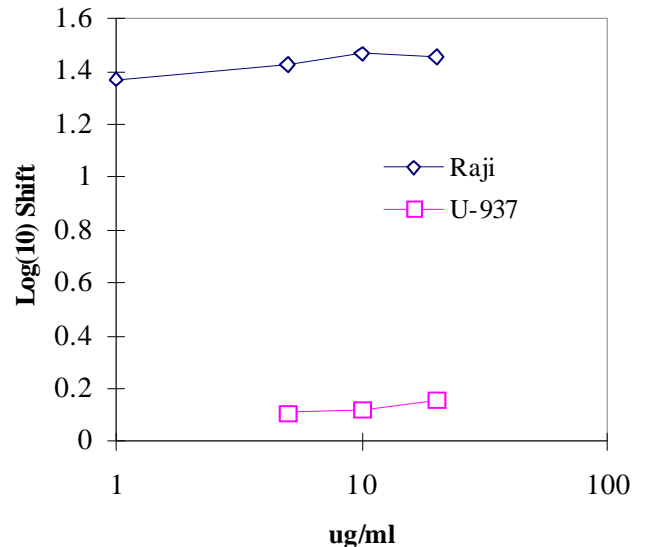
**PRODUCT STABILITY:** Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: \_\_\_\_\_

**BUFFER:** 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

**PRODUCTION:** Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE with less than 1% Bovine Immunoglobulin.

**PERFORMANCE:** Five x 10<sup>5</sup> cultured **Raji** cells were incubated 45 minutes on ice with 80 µl of anti-CD84 antibody at **5 µg/ml**. Cells were washed twice and incubated with 2<sup>o</sup> reagent Goat anti-Mouse IgG/FITC (Catalog #232-011), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **1.43** log<sub>10</sub> fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010) at a similar concentration.

**Binding of anti-CD84 antibody to human cell lines**



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