

PERFORMANCE DATA SHEET

3016

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 10⁵ 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^o 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 1.0 log₁₀ fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010).**This Product is intended for Laboratory Research use only.***Binding of anti-CD84 mAb +GAM/FITC to human Raji cells**