

PERFORMANCE DATA SHEET

1747

Monoclonal anti-human CD75*

mAb name/Clone: LN1

Isotype: Mouse IgM

Immunogen: PMA stimulated PBL

CATALOG#: 228-020

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Human CD75 is an alpha 2, 6-sialylated carbohydrate molecule found mainly on mature B cells and germinal center B cells. CD75 appears to be a ligand for CD22. Antibody LN1 recognizes a molecule of about 53 kd.

References: (1) A.L. Epstein, et al, (1984) J Immunol 133:1028-1036. (2) Leukocyte Typing IV (W. Knapp, et al, eds.) Oxford University Press, Oxford, (1989) p. 109-112. (3) Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 169-171.

STORAGE CONDITIONS: Store at 2 - 5°C. Freeze/Thawing is not recommended. Open under aseptic conditions.

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.

PRODUCTION: Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin. Product was 0.2 µm filtered and vialled under aseptic conditions.

PERFORMANCE: Five x 10⁵ cultured human Raji cells were washed and incubated 45 minutes on ice with 80 µl of anti-CD75 antibody at 5 µg/ml. Cells were washed twice and incubated with 2^o reagent Goat anti-Mouse IgG/FITC (Catalog #232-011; This reagent cross reacts well with Mouse IgM). They were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 2.12 log₁₀ fluorescent units when compared to a Mouse IgM negative control (Catalog # 290-010) at a similar concentration.

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

Binding of anti-CD59 mAb + GAM/FITC to human HPB-MLT cells

