

PERFORMANCE DATA SHEET

1913

Monoclonal anti-human CD24*

mAb name/Clone: BA-1

Isotype: Mouse IgM

Immunogen: Human B lymphocyte tumor cells: Nalm-6-M1

CATALOG#: 173-820

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Human CD24 is a glycosyl phosphatidyl inositol (GPI) anchored surface protein found on B cells during multiple stages of development from precursor to the onset of plasma cell differentiation. Antibody BA-1 recognizes a sialic acid-dependent epitope of human CD24 of approximately 35/45 kd.

References: C.S. Abramson, et al, (1981) J Immunol **126**: 83-88. H. Mehmet, et al, (1990) Clin Exp Immunol **81**: 489-495. Leukocyte Typing IV (W. Knapp, et al, eds.) Oxford University Press, Oxford, (1989) p. 82-84. Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 539-543.

STORAGE CONDITIONS: Store at 2 - 5°C. Open under aseptic conditions. 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: _____

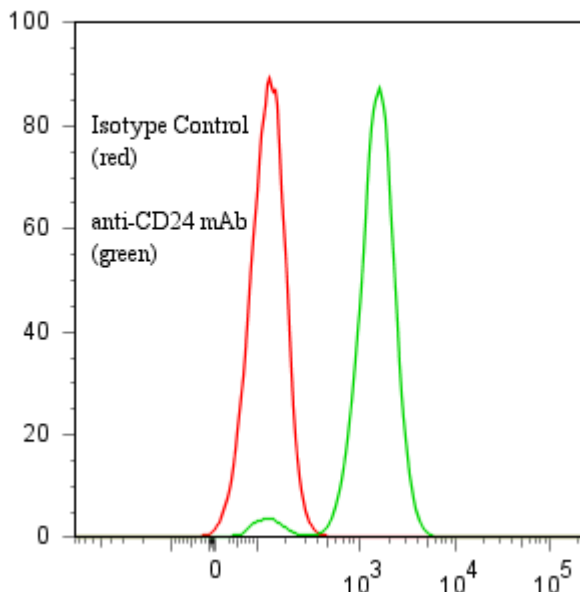
BUFFER: 50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl.

PRODUCTION: Antibody from (low FBS containing) tissue culture supernatant was purified to 95% mouse immunoglobulin by SDS-PAGE (<1% bovine immunoglobulin) using size exclusion chromatography. Product was 0.2 µm filtered and vialled under aseptic conditions.

PERFORMANCE: Five x 10⁵ cultured **Nalm-6** human tumor cells were washed and incubated 45 minutes on ice with 80 µl of anti-CD24 at **10 µg/ml**. Cells were washed twice and incubated with 2^o reagent Goat anti-Mouse/FITC (Catalog #232-011), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **1.01 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-CD24 mAb +GAM/FITC to human Nalm-6 cells



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