## PERFORMANCE DATA SHEET

2132

## Ancell

## Monoclonal anti-human CD17(lactosylceramide)\*

mAb name/Clone: Huly-m13/H018.3G-6.F5

Isotype: Mouse IgMk

Immunogen: Human beta-2 microglobulin associated proteins from a detergent lysate of PBL

**CATALOG#: 166-820 (Preservative-free)** 

QUANTITY: 100 μg CONCENTRATION: 1.0 mg/ml

**INFORMATION:** Antibodies to human CD17 react with lactosylceramide which is expressed on granulocytes, monocytes, platelets, and basophils (1). CD17 expression is downmodulated on activated granulocytes. Antibody Huly-m13 recognizes CD17 on myeloid cells.

References: (1)Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford (1995) p. 822-823.

**STORAGE CONDITIONS:** *Store at 2 - 5<sup>o</sup>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:\_\_\_\_\_

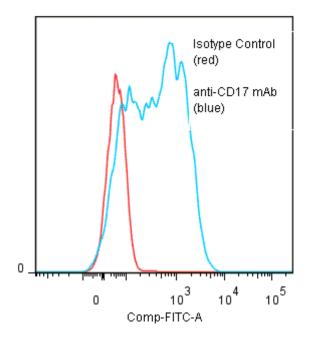
BUFFER: 50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl.

**PRODUCTION:** Antibody 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 vialed under aseptic conditions.

**PERFORMANCE:** Five x 10<sup>5</sup> cultured **Nalm-6** human tumor cells were washed and preincubated 5 minutes with

20  $\mu$ l of 250  $\mu$ g/ml human IgG (to block non specific binding) after which they were incubated 45 minutes on ice with 80  $\mu$ l of anti-CD17 antibody at 10  $\mu$ g/ml. Cells were washed twice and incubated with 20 reagent Goat anti-Mouse IgG/FITC (Catalog #232-011); this reagent cross reacts well with Mouse IgM, after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.1  $\log_{10}$  fluorescent units when compared to a Mouse IgM negative control (Catalog #290-010) at a similar concentration.

## Binding of anti-CD17 mAb +GAM/FITC to human Naim-6 cells



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<sup>\*</sup> Research Use Only. Not for use in Diagnostic procedures.