PERFORMANCE DATA SHEET
2132

Monoclonal anti-human CD17(lactosylceramide)*

mAb name/Clone: **Huly-m13/H018.3G-6.F5**
Isotype: Mouse IgMκ
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°C.*** **Open under aseptic conditions.** Freeze/Thawing is not recommended.

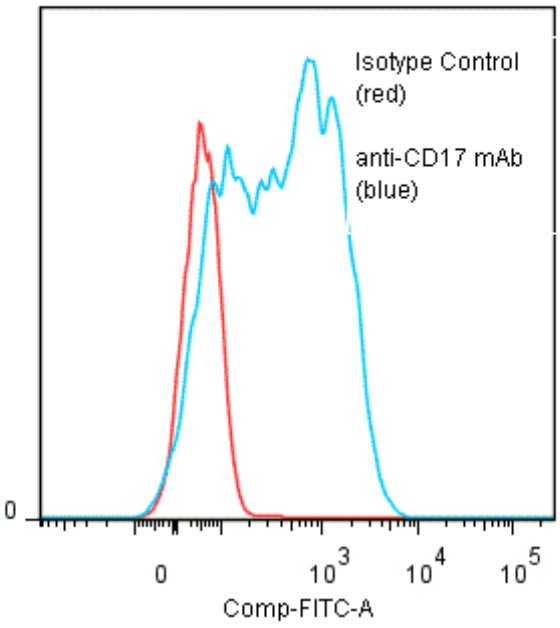
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date:_____

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 10^5 cultured **Nalm-6** human tumor cells were washed and preincubated 5 minutes with 20 µl of 250 µg/ml human IgG (to block non specific binding) after which they were incubated 45 minutes on ice with 80 µl of anti-CD17 antibody at **10 µg/ml**. Cells were washed twice and incubated with 2° 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).

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



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Ancell Corporation P.O. Box 87 Bayport, MN 55003-0087 USA
Phone: Toll free 800-374-9523 or 651-439-0835 Fax: 651-439-1940