

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 viald under aseptic conditions.

PERFORMANCE: Five x 10⁵ 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^o 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 log₁₀** fluorescent units when compared to a Mouse IgM negative control (Catalog # 290-010) at a similar concentration.

* **Research Use Only. Not for use in Diagnostic procedures.**

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