PERFORMANCE DATA SHEET
2133

Monoclonal anti-human CD37*

mAb name/Clone: **IPO-24**
Isotype: Mouse IgG2bκ
Immunogen: Human spleen cells from a patient with hairy cell leukemia

CATALOG#: 186-820
QUANTITY: 100 µg **CONCENTRATION: 1.0 mg/ml**

INFORMATION: Human CD37 is a member of the tetraspan family of cell surface molecules that apparantly are involved in signal transduction or transporter system complexes. CD37 is strongly expressed on B lymphocytes (sIg-positive) and weakly on T cells, neutrophils and monocytes. Expression of CD37 disappears during B cell development at the plasma cell stage. IPO-24 recognizes the CD37 molecule of about 42-52 kd (4).
References: 1) Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 544-545.
2) Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 149-151.

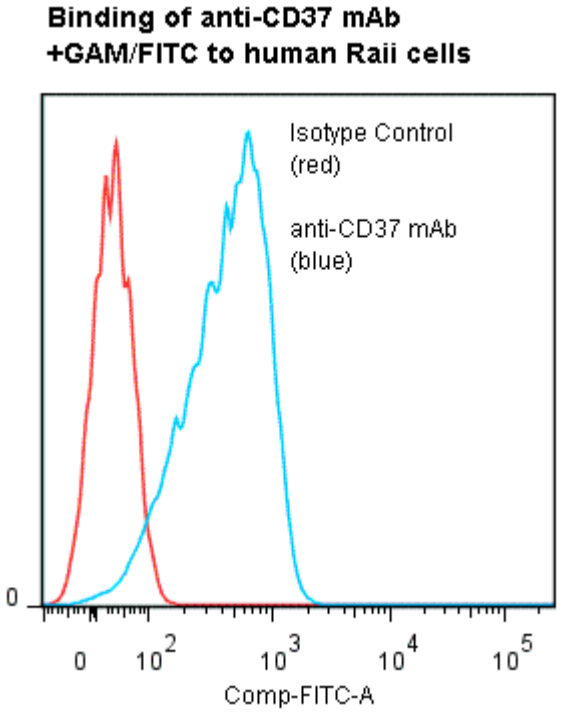
STORAGE CONDITIONS: ***Store at 2 - 5°C.*** **Open under aseptic conditions.** Freeze/Thawing is not recommended.

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, 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 vialed under aseptic conditions.

PERFORMANCE: Five x 10^5 cultured human **Raji** cells per tube were incubated 45 minutes on ice with 80 µl of anti-CD37 antibody at a concentration of **10 µg/ml**. Cells were washed twice and incubated with 2° reagent Goat anti-Mouse IgG/FITC (Catalog #232-011), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **1.3** $\log_{10}$ fluorescent units when compared to a Mouse IgG2b negative control (Catalog # 284-010) at a similar concentration.



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