PERFORMANCE DATA SHEET
2129

Monoclonal anti-human CD22*

mAb name/Clone: **RFB4**
Isotype: Mouse IgG1
Immunogen: Human tonsil lymphocytes

CATALOG#: 171-820 (Preservative-free)
QUANTITY: 100 µg **CONCENTRATION: 1.0 mg/ml**

INFORMATION: Human CD22 expression is restricted to normal Ig+ mature B cells and neoplastic B cells. CD22 is a transmembrane glycoprotein of 140 kd with a predicted adhesion molecule function. Antibody RFB4 recognizes a CD22 molecule of about 140 kd.
References: D. Campana, et al, (1985) J Immunol **134**: 1524-1530. J.L. Li, et al, (1989) Cell Immunol 118: 85-99. Leukocyte Typing IV (W. Knapp, et al, eds.) Oxford University Press, Oxford, (1989) p. 190-193. Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 523-530. D. Shan & O.W. Press, (1995) J Immunol **154**: 4466-4475.

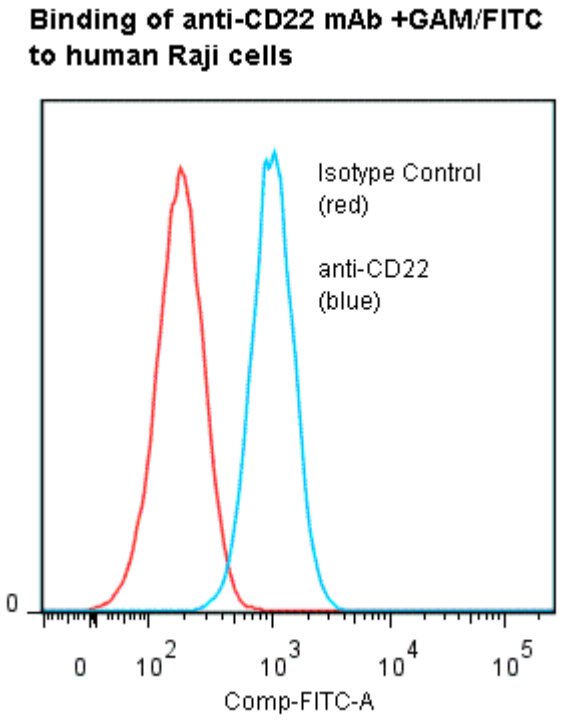
STORAGE CONDITIONS: ***Store at 2 - 5°C***. Freeze/Thawing is not recommended. **Open under aseptic Conditions.**

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 0.2um sterile filtered and vialed under aseptic conditions.

PERFORMANCE: Five x 10^5 cultured **Raji** cells were incubated 45 minutes on ice with 80 µl of anti-CD22 antibody at **5 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 **0.74** $\log_{10}$ fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010).



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