PERFORMANCE DATA SHEET

2504

Ancell

Monoclonal anti-human CD49f(VLA-6)/Biotin*

mAb name/Clone: BQ16 *Isotype:* Mouse IgG1

Immunogen: UM-UC-9, human bladder cancer cells

CATALOG#: 356-030 QUANTITY: 100 μg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Antibody BQ16 recognizes the 150 kd (non-reduced) CD49f adhesion molecule. *Reference:* M. Liebert, et al, Hybridoma (1993) *12*: 67-80. *Leukocyte Typing V* (1995) S.F. Schlossman, et al, (eds.), Oxford University Press, NY. p. 1619-1620.

STORAGE CONDITIONS: *Store at 2 - 5°C*. Freeze/thawing not recommended.

PRODUCT STABILITY: Product should retain activity for at least 6 months after shipping date when stored as recommended. Ship Date:_____

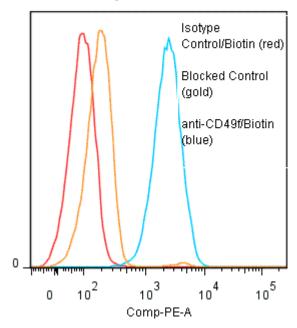
BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Antibody from (low FBS containing) tissue culture supernatant was Protein A purified to >95% mouse immunoglobulin by SDS-PAGE (<1% bovine immunoglobulin), and reacted with NHS-Biotin. Unconjugated Biotin was removed from conjugate using a desalting column.

PERFORMANCE: Five x 10^5 cultured **Raji** cells were washed and incubated 45 minutes on ice with 80 μl of anti-CD49f/Biotin at **5 μg/ml**. Cells were washed twice and incubated 45 minutes with 2^0 reagent Streptavidin/R-Phycoerythrin (Catalog #253-050), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **1.39** log₁₀ fluorescent units when compared to a Mouse IgG1/Biotin negative control (Catalog # 278-030). Binding was blocked when cells were pre incubated 10 minutes with 20 μl of 0.5 mg/ml anti-CD49f antibody (Catalog #356-020).

*Research use only. Not for use in Diagnostic procedures.

Binding of anti-CD49f/Biotin +SA/PE to human Raji cells



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