

PERFORMANCE DATA SHEET

2709

Monoclonal anti-human CD134 (OX40)*

Clone: Ber Act 35

Isotype: Mouse IgG1

Immunogen: Human HUT 102 T cells

CATALOG#: 355-020

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Human CD134 (OX40) is an activation-associated antigen which is predominantly expressed on activated CD4 positive cells. CD134 antigen is a member of the tumor necrosis factor (TNF) receptor family of molecules and may be involved with regulating T cell-dependent B cell proliferation and differentiation. Antibody Ber Act 35 recognizes the CD134 molecule of about 35 kd.

References: U. Latza et al, Eur J Immunol (1994) **24**: 677-683. E. Stuber, et al, (1995) Immunity **2**: 507-521. Leukocyte Typing IV (W. Knapp, et al, eds.) Oxford University Press, Oxford, (1989) p. 464-465. Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford (1995) p. 1157-1160.

STORAGE CONDITIONS: Store at 2 - 5°C. 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, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

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.

PERFORMANCE: Five x 10⁵ cultured human HPB-MLT cells were incubated 45 minutes on ice with 80 µl of anti-CD134 antibody at a concentration of **10 µg/ml**. Cells were washed twice and incubated with 2^o reagent Goat anti-Mouse/FITC (Catalog #232-011), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **0.61 log₁₀** fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010).

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

Binding of anti-CD134 mAb +GAM/FITC to human HPB-MLT cells

