

# PERFORMANCE DATA SHEET

2337

## Monoclonal anti-human CD134 (OX40)\*

**Clone:** Ber Act 35

**Isotype:** Mouse IgG1

**Immunogen:** Human HUT 102 T cells

**CATALOG#:** 355-820 (Preservative Free)

**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. Open under aseptic conditions. Freeze/Thawing is not recommended.

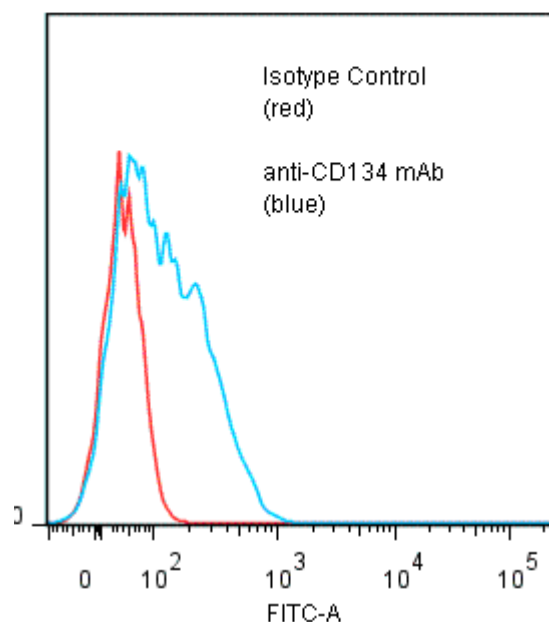
**PRODUCT STABILITY:** Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: \_\_\_\_\_

**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 viald under aseptic conditions.

**PERFORMANCE:** Five x 10<sup>5</sup> 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<sup>o</sup> 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 log<sub>10</sub> fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010).

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



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