

PERFORMANCE DATA SHEET

3204

Monoclonal anti-human CD95 (APO-1/FAS)***mAb name/Clone:** ANC95.1/5E2**Isotype:** Mouse IgG1**Immunogen:** Human soluble FAS with the transmembrane region deleted**CATALOG#:** 316-820 (Preservative-free)**QUANTITY:** 100 µg**CONCENTRATION:** 1.0 mg/ml

INFORMATION: Human CD95 (APO-1/FAS) is a type I cell surface glycoprotein that is strongly upregulated on activated T cells, B cells, NK cells and thymocytes. CD95 plays an important role in programmed cell death or apoptosis. Apoptosis appears to be a mechanism for regulating the immune response.

References: Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 1142-1148. S. Nagata & P. Golstein (1995) Science **267**: 1449-1456. S. Nagata & T. Suda (1995) Immunol Today **16**: 39-43. D.H. Lynch, F. Ramsdell & M.R. Alderson (1995) Immunol Today **16**: 569-574. H Wajant, (2003) Essays Biochem 39:53-71.

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

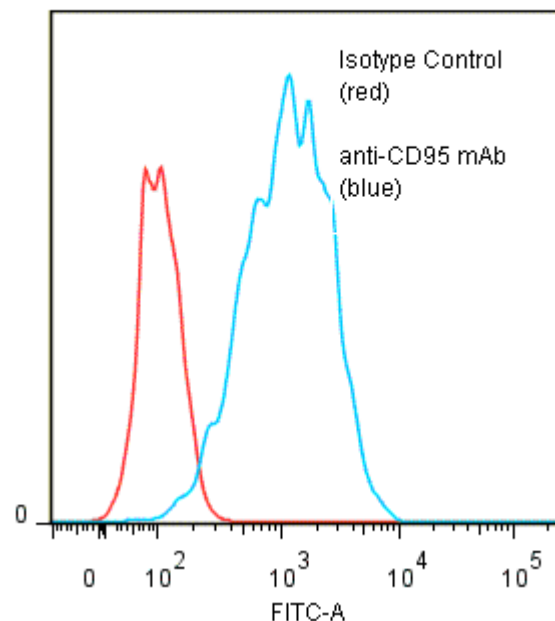
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

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 0.2µ sterile filtered and viald under aseptic conditions.

PERFORMANCE: Five x 10⁵ cultured human **Raji** cells were incubated 45 minutes on ice with 80 µl of anti-CD95 antibody at **10 µg/ml**. Cells were washed twice and incubated with 2^o 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 **1.13** log₁₀ fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010).

Binding of anti-CD95 mAb +GAM/FITC to human Raji cells



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