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#: 316-020
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.

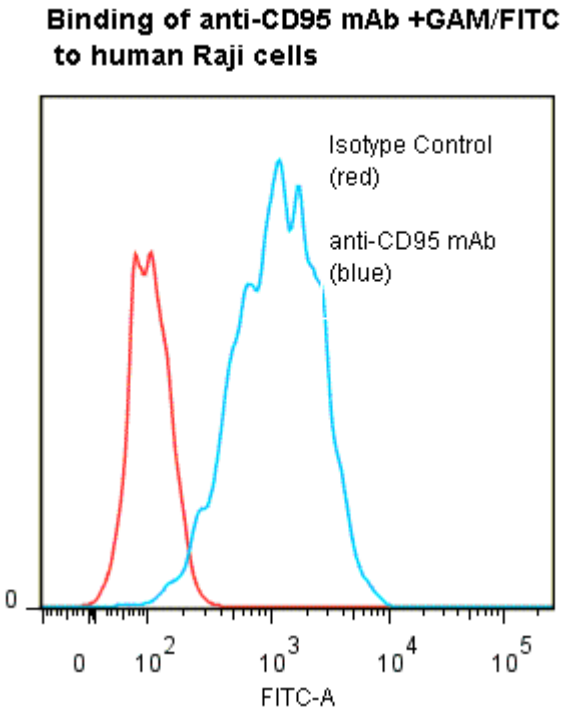
STORAGE CONDITIONS: ***Store at 2 - 5^{o}C***. Freeze/Thawing is not recommended.

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 with less than 1% Bovine Immunoglobulin.

PERFORMANCE: Five x 10^5 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** $\log_{10}$ fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010).



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

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