

**PERFORMANCE DATA SHEET**

3305

**Monoclonal anti-human CD95 (APO-1/FAS)/Biotin\*****mAb name/Clone:** ANC95.1/5E2**Isotype:** Mouse IgG1**Immunogen:** Human soluble FAS with the transmembrane region deleted**CATALOG#:** 316-030**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.

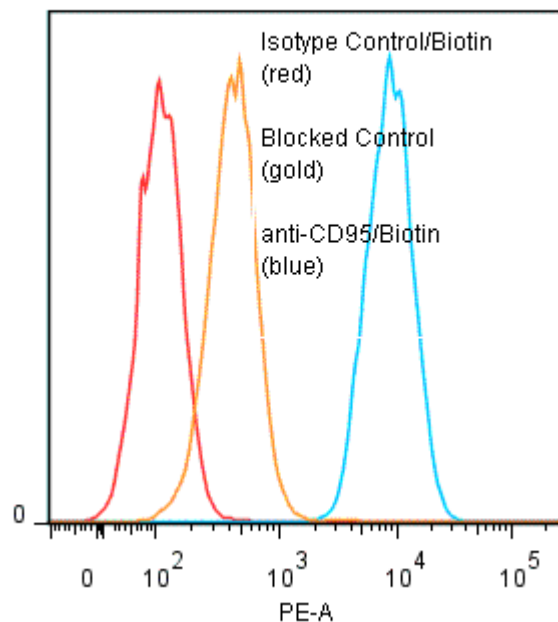
**STORAGE CONDITIONS:** Store at 2 - 5°C. Freeze/thawing not recommended.

**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, 5% Glycerol, 0.2% BSA, 0.04% Na<sub>3</sub> (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<sup>5</sup> cultured human **Raji** cells were incubated 45 minutes on ice with 80 µl of anti-CD95/Biotin at 5 µg/ml. Cells were washed twice and incubated 2<sup>o</sup> reagent Streptavidin/R-PE (Catalog #253-050) after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.90 log<sub>10</sub> 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-CD95 antibody (Catalog #316-020).

**Binding of anti-CD95(Fas)/Biotin  
+SA/PE to human Raji cells**

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