

PERFORMANCE DATA SHEET
3205

Human IgG1 κ /FITC*

From Human Myeloma Plasma

CATALOG#: 295-040

CONCENTRATION: 0.5 mg/ml

QUANTITY: 100 μ g

INFORMATION: Human IgG1 κ from human myeloma plasma is used as a negative control for work involving human IgG1 isotype antibodies or recombinant proteins.

STORAGE CONDITIONS: Store at 2 - 5^o C. Freeze/Thawing is not recommended. *Protect from light.*

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

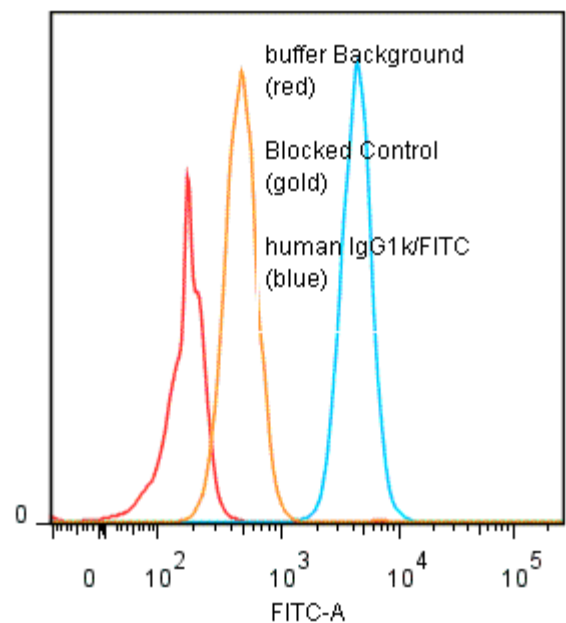
BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Antibody from human plasma was purified to >95% by fractionation, ion-exchange and affinity chromatography, after which it was reacted with FITC. Unconjugated FITC was separated from antibody/FITC conjugate by desalting column. The antibody/FITC conjugate is at a concentration of **0.5 mg/ml** with a FITC to antibody molar ratio of 5.0.

POTENTIAL BIOHAZARD: Handle Product as if capable of transmitting infectious agents. Source material was tested and found negative for antibody to HIV and HbsAg.

PERFORMANCE: huIgG1 κ /FITC was tested for binding to anti-human IgG (clone ICO-97)-coated 4 μ beads in FACS (*Inquire*). Approximately 5 x 10⁵ beads per tube were spun down and incubated 45 minutes at 4^oC with 80 μ l of huIgG1 κ /FITC at a **1:50** dilution (10 μ g/ml). Tubes were washed twice, fixed and analyzed by FACS. Beads stained positive with a mean shift of **1.8 log₁₀** fluorescent units when compared to a buffer background. Binding was blocked when beads were pre incubated 10 minutes with 20 μ l of 0.5 mg/ml unlabeled huIgG1 κ antibody (Catalog #295-010).

Binding of human IgG1 κ /FITC to ICO-97-coated CML



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

Ancell Corporation P.O. Box 87 Bayport, MN 55003-0087 USA
Phone: Toll free 800-374-9523 or 651-439-0835 Fax: 651-439-1940