



CERTIFICATE OF ANALYSIS

Product AMCA ANTI-HUMAN KAPPA CHAIN
AFFINITY PURIFIED

Catalog No. CI-3060

Amount 0.5 mg active conjugate

Lot No. ZG0204

Produced in goat

Concentration 1.0 mg/ml active conjugate

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.

Free-Fluorochrome None

F/P (molar) 8.8

Maximum Excitation @ 345-355 nm

Maximum Emission @ 448-454 nm

Storage Conditions Refrigerate in the dark. If a precipitate forms, warm to 37 °C before use.

Antibody Activity (by solid phase IgG binding assay) 99%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
human kappa IgG	100%
human lambda IgG	<1%

If this fluorochrome-labeled antibody is to be used in tissues which may contain cross-reacting endogenous immunoglobulins, dilution of this antibody may be made in buffers containing 2% normal serum from the same species as the tissue.

The recommended concentration range for use is 5-20 µg/ml.