# Human Kappa Light Chain Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A80-111A

Lot No. 1

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| **APPLICATIONS** | WB, IHC, ICC, ELISA |
| **SPECIES REACTIVITY** | Human |
| **AMOUNT** | 1 ml |
| **CONCENTRATION** | 1 mg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8°C / 2 years from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **BUFFER** | Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | The antibody was isolated by affinity chromatography using antigen coupled to agarose beads. Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.<br><br>By immunoelectrophoresis and ELISA this antibody reacts specifically with kappa light chains common to all human immunoglobulins. No antibody was detected against lambda light chain or non-immunoglobulin serum proteins. This antibody may cross react with kappa light chain from other species. |
| **APPLICATIONS** | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. |

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| Western Blot | 1:1000 - 1:30,000 |
| Immunohistochemistry | 1:200 - 1:2000 |
| Immunocytochemistry | 1:200 - 1:2000 |
| ELISA | 1:1000 - 1:30,000; for coating plates 1:100 - 1:500 |

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| **APPLICATION NOTES** | Not all listed applications have been specifically tested by our laboratory. |
| **ADDITIONAL INFO** | Please visit our website for additional product information. |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: September 13, 2024



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