



3050 Spruce Street  
Saint Louis, Missouri 63103 USA  
Telephone 800-325-5832 • (314) 771-5765  
Fax (314) 286-7828  
email: techserv@sia.com  
sigma-aldrich.com

## Product Information

### ANTI-HUMAN KAPPA LIGHT CHAIN (Bound and Free)

Developed in Rabbit  
IgG Fraction of Antiserum

Product Number **K 1255**

#### Product Description

Anti-Human Kappa Light Chain is developed in rabbit using purified human kappa light chain from Bence Jones urine as the immunogen. Whole antiserum is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum. This fraction is essentially free of other rabbit serum proteins.

#### Reagents

Rabbit Anti-Human Kappa Light Chain is provided as a solution in 0.01 M phosphate buffered saline, pH 7.2, containing 0.1% sodium azide as a preservative.

#### Precautions and Disclaimer

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.

#### Storage/Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots at -20 °C. Repeated freezing and thawing is **not** recommended. Storage in "frost-free" freezers is **not** recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

#### Product Profile

Specificity for the kappa chain of human immunoglobulins is determined by Ouchterlony Double Diffusion (ODD). The antibody preparation is specific for kappa light chains when tested against bound and free light chains. The product shows no reaction with bound or free lambda light chains.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antibody preparation followed by diffusion against anti-rabbit IgG and anti-rabbit whole serum results in single arcs of precipitation in the gamma region.

JWM/KMR 02/02

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.