

## Product Information

# Anti-Human Kappa Light Chain (Bound and Free) Antibody, Mouse Monoclonal

Clone KP-53, Purified from Hybridoma Cell Culture

**K4377**

## Product Description

Monoclonal Anti-Human Kappa Light Chain (mouse IgG1 isotype) is derived from the hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. Purified Bence Jones kappa light chain protein was used as the immunogen.

Monoclonal Anti-Human Kappa Light Chain is immuno-specific for kappa light chains (bound or free) as determined by ELISA. The antibody does not react with human lambda light chains.

## Reagents

Supplied as a solution in 0.01 M PBS, pH 7.4, containing 15 mM sodium azide as a preservative.

## Precautions and Disclaimer

Due to the sodium azide content, a Safety Data Sheet (SDS) for this product has been sent to the attention of the safety officer of your institution. Consult the SDS for information regarding hazards and safe handling practices.

## Storage/Stability

For continuous use, store at 2–8 °C. For extended storage, the solution may be frozen in working aliquots. 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

A dilution of 1:10,000 was determined by indirect ELISA using kappa light chain at 10 mg/mL as the coating protein.

In order to obtain best results, it is recommended that each individual user determine their optimum working dilution by titration assay.

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