

Monoclonal Antibody to Human Kappa Light Chain - Supernatant

Catalog No.:	AM00555SU-N
Quantity:	1 ml
Background:	Antibody to the kappa light chain of immunoglobulin is reportedly useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant.
Host / Isotype:	Mouse / IgG1
Clone:	L1C1
Immunogen:	B lymphoma cells. Remarks: Mol. Wt. of Antigen: 25 kDa
Format:	State: Liquid Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.
Applications:	Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/50-1/200 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Human Kappa Light Chain. Cellular Localization: Cytoplasmic.
Species Reactivity:	Tested: Human. Does not react with Rat.
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: 2 years from despatch.
General Readings:	1. Kochwa S. (1976) Immunoelectrophoresis. In Manual of Clinical Immunology. American Society of Microbiology. P17-35.

Pictures:

Formalin-Fixed, Paraffin-Embedded Human tonsil stained with Kappa Light Chain antibody Cat.-No. AM00555SU-N using peroxidase conjugate and DAB chromogen. Note the cytoplasmic staining of plasma cells.

