

Mouse anti-LAMBDA LIGHT CHAIN, clone LCN-2 (Monoclonal)

Clone no. LCN-2

MONOSAN

Product name	Mouse anti-LAMBDA LIGHT CHAIN, clone LCN-2 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:200-1:400)
Species reactivity	Human
Conjugate	-
Immunogen	Purified human IgG myeloma proteins coupled to polyaminostyren microbeads
Isotype	IgG2a, kappa
Clonality	Monoclonal
Clone number	LCN-2
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Bioreactor Concentrate with 0.05% Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

This MAb is specific to lambda light chain of immunoglobulin and shows no cross-reaction with lambda light chain or any of the five heavy chains. In mammals, the two light chains in an antibody are always identical, with only one type of light chain, kappa or lambda. The ratio of Kappa to Lambda is 70:30. However, with the occurrence of multiple myeloma or other B-cell malignancies this ratio is disturbed. Antibody to the lambda light chain 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 malignant.

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue HEK293T, Tonsil, Spleen

References

1. Campbell JP et. al. J Immunol Methods. 2013;391(1-2):1-13.
2. -
3. -
4. -
5. -

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