

Mouse anti-Kappa Light Chains, clone L1C1 (Monoclonal)

Clone no. L1C1

MONOSAN

Product name	Mouse anti-Kappa Light Chains, clone L1C1 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	L1C1
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The antibody detects surface immunoglobulin on normal and neoplastic B-cells. In paraffin-embedded tissue, anti-kappa exhibits strong staining of kappa-positive plasma cells and cells that have absorbed exogenous immunoglobulins. When dealing with B-cell neoplasms, the determination of light chain ratios remains the centerpiece. Most B-cell lymphomas express either kappa or lambda light chains, whereas reactive proliferations display a mixture of kappa and lambda positive cells. If only a single light chain type is detected, a lymphoproliferative disorder exists. Monoclonality is determined by a kappa-lambda ratio of greater than or equal to 3:1 or a lambda-kappa ratio greater than 2:1.

References

1. Hertel, BF, et al. Lab Invest 1977;36:12
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3. Lee LA et al. Am J Otolaryngol. 2002 Sep-Oct;23(5):316-20
4. Taylor, CL Arch Pathol Lab Med 1978;12:113-121
5. Schmid U et al. Am J Surg Pathol. 1995 Jan;19(1):12-20

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