



Mab to Lamin

(intermediate filament proteins of the nucleus)

Clone Determination	X 167														
Category	Mouse monoclonal														
Immunoglobulin Subclass	IgG1														
Purification	Protein A affinity chromatography														
Antigen	Nuclear pore complex-lamina fraction of <i>Xenopus laevis</i> (XLKE-A6 cells)														
Specificity	The monoclonal antibody decorates the karyoskeleton, i.e. the intermediate filament equivalent of the nucleus														
Application	Immunofluorescence microscopy Immunoblotting (Western)														
Polypeptide(s) Reacting	Lamin isotypes of M _r 60 - 75 kD														
Antigen Recognized in Species (tested so far)	<table><tr><td><i>Xenopus laevis</i></td><td>LA, L_{II}</td></tr><tr><td>Bovine</td><td>LA, B₁, B₂, C</td></tr><tr><td>Mouse</td><td>n.d.</td></tr><tr><td>Rat</td><td>-</td></tr><tr><td>Human</td><td>LA, C</td></tr><tr><td>Trout</td><td>LA, L_{II}, (L_I)</td></tr><tr><td>Rat kangaroo</td><td>-</td></tr></table>	<i>Xenopus laevis</i>	LA, L _{II}	Bovine	LA, B ₁ , B ₂ , C	Mouse	n.d.	Rat	-	Human	LA, C	Trout	LA, L _{II} , (L _I)	Rat kangaroo	-
<i>Xenopus laevis</i>	LA, L _{II}														
Bovine	LA, B ₁ , B ₂ , C														
Mouse	n.d.														
Rat	-														
Human	LA, C														
Trout	LA, L _{II} , (L _I)														
Rat kangaroo	-														
Working Dilution	When reconstituted in 1 mL distilled water, dilute further 1:10 for immunohistochemical application														
Incubation Time	1 h at RT														
Storage	At 2-8°C														
Quantity	50 µg (lyoph.; contains 0.09% NaN ₃)														

References

- Krohne, G. and Benavente R.: The Nuclear Lamins. A Multigene Family of Proteins in Evolution and Differentiation. *Exp. Cell Res.* **162**, 1-10 (1986)
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- Höger, T.H., Grund, C., Franke, W.W., Krohne G.: Immunolocalization of Lamins in the thick nuclear lamina of human synovial cells. *Europ J Cell Biol* **54**, 150-156 (1991)
- Höger TH, Zatloukal K, Waizenegger I, and Krohne G: Characterization of a second highly conserved B-type lamin present in cells previously thought to contain only a single B-type lamin. *Chromosoma* **99**, 379-390 (1990)

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