

# Mab to Lamin B



**(intermediate filament proteins of the nucleus)**

<b>Clone Determination</b>	X 223														
<b>Category</b>	Mouse monoclonal														
<b>Immunoglobulin Subclass</b>	IgG1														
<b>Purification</b>	Protein A affinity chromatography														
<b>Antigen</b>	Nuclear pore complex-lamina fraction of <i>Xenopus laevis</i> (XLKE-A6 cells)														
<b>Specificity</b>	The monoclonal antibody decorates the karyoskeleton, i.e. the intermediate filament equivalent of the nucleus. The epitope was localized to coil 1B (cf. Schumacher et al. 2006).														
<b>Application</b>	Immunofluorescence microscopy Immunoblotting (Western)														
<b>Polypeptide(s) Reacting</b>	Lamin isotypes of M <sub>r</sub> 60 - 75 kD														
<b>Antigen Recognized in Species</b> (tested so far)	<table><tr><td><i>Xenopus laevis</i></td><td>L<sub>II</sub>, L<sub>III</sub></td></tr><tr><td>Bovine</td><td>LB<sub>1</sub>, B<sub>2</sub></td></tr><tr><td>Mouse</td><td>LB<sub>2</sub></td></tr><tr><td>Rat</td><td>+</td></tr><tr><td>Human</td><td>LB<sub>1</sub>, B<sub>2</sub></td></tr><tr><td>Trout</td><td>L<sub>II</sub>, L<sub>III</sub></td></tr><tr><td>Rat kangaroo</td><td>L<sub>II</sub>, L<sub>III</sub></td></tr></table>	<i>Xenopus laevis</i>	L <sub>II</sub> , L <sub>III</sub>	Bovine	LB <sub>1</sub> , B <sub>2</sub>	Mouse	LB <sub>2</sub>	Rat	+	Human	LB <sub>1</sub> , B <sub>2</sub>	Trout	L <sub>II</sub> , L <sub>III</sub>	Rat kangaroo	L <sub>II</sub> , L <sub>III</sub>
<i>Xenopus laevis</i>	L <sub>II</sub> , L <sub>III</sub>														
Bovine	LB <sub>1</sub> , B <sub>2</sub>														
Mouse	LB <sub>2</sub>														
Rat	+														
Human	LB <sub>1</sub> , B <sub>2</sub>														
Trout	L <sub>II</sub> , L <sub>III</sub>														
Rat kangaroo	L <sub>II</sub> , L <sub>III</sub>														
<b>Working Dilution</b>	When reconstituted in 1 mL distilled water, dilute further 1:10 for immunohistochemical application														
<b>Incubation Time</b>	1 h at RT														
<b>Storage</b>	At 2-8°C														
<b>Quantity</b>	50 µg (lyoph.; contains 0.09% Na-azide)														

## References

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