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## Monoclonal Antibodies Against Prelamin A

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### INNOVATION

Researchers at UCLA have developed a rat anti-mouse monoclonal antibody against prelamin A.

The LMNA gene encodes lamin A and lamin C. Lamins are structural protein components of the nuclear lamina, a protein network underlying the inner nuclear membrane that determines nuclear shape and size. Prelamin A is the precursor to mature lamin A.

### APPLICATIONS

Western, IHC, ICC

### RELATED MATERIALS

- ▶ [Genetic studies on the functional relevance of the protein prenyltransferases in skin keratinocytes. Hum Mol Genet. \(2010\).](#)

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### INVENTORS

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### OTHER INFORMATION

#### KEYWORDS

antibody, monoclonal, lipid, lamins,  
nuclear membrane, Hutchinson–  
Gilford progeria, cardiomyopathy

#### CATEGORIZED AS

- ▶ [Research Tools](#)
- ▶ [Antibodies](#)

#### RELATED CASES

2014-256-0

### ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- ▶ [A New Mechanism For Hypertriglyceridemia In Humans](#)
- ▶ [Monoclonal Antibodies Against GPIHBP1](#)
- ▶ [Mouse Model for Premature Aging: Zmpste24 Knockout Mice](#)

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