

## LAMIN A/C (5D12) MOUSE MAB

货号: N261447

产品全名: Lamin A/C (5D12) 小鼠单抗

基因符号 LMNA; LMNI; Prelamin-A/C

**UNIPROT ID:** P02545

**背景:** Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. Lamin A and C are present in equal amounts in the lamina of mammals. Play an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics. Prelamin-A/C can accelerate smooth muscle cell senescence. It acts to disrupt mitosis and induce DNA damage in vascular smooth muscle cells (VSMCs), leading to mitotic failure, genomic instability, and premature senescence.

**抗原:** Purified recombinant human LMNA protein fragments expressed in E.coli.

**经过测试的应用:** WB, ICC/IF

**推荐稀释比:** WB: 1/500-1/1000 IF: 1/50-1/200

**种属反应性:** Mouse

**克隆性:** Mouse Monoclonal

**克隆编号:** 5D12-C6-E9

**分子量:** Calculated MW: 74 kDa; Observed MW: 63,74 kDa

**亚型:** IgG1

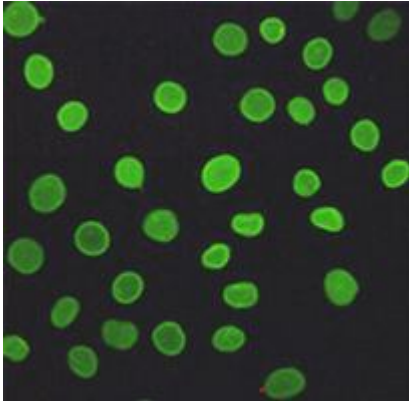
**纯化:** Affinity Purified

**种属反应性:** Human, Mouse and Rat

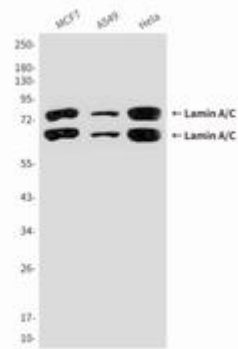
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Tags & Cell Markers

**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of Lamin A/C (5D12) in A549 using Lamin A/C antibody.



Western blot analysis of Lamin A/C in MCF-7, A549 and HeLa lysates using Lamin A/C antibody.