

产品名称: Lamin A/C (5D12) Mouse Monoclonal Antibody
产品货号: AMM03677



产品概述 (Summary)

产品名称 (Production Name)	Lamin A/C (5D12) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC/IF
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	LMNA
别名 (Alternative Names)	LMNA; LMN1; Prelamin-A/C
基因 ID (Gene ID)	4000
蛋白 ID (SwissProt ID)	P02545.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 74 kDa; Observed MW: 63,74 kDa

研究背景 (Background)

Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane,

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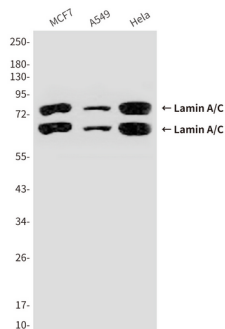
which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. Lamin A and C are present in equal amounts in the lamina of mammals. Play an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics.

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.

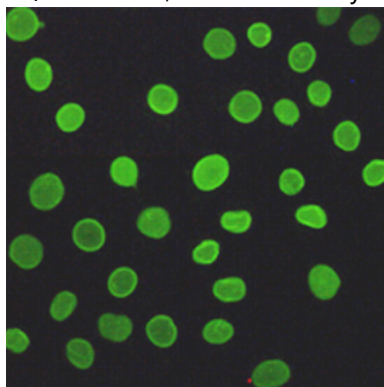
研究领域 (Research Area)

Tags & Cell Markers

图片 (Image Data)



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



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

注意事项 (Note)

For research use only .