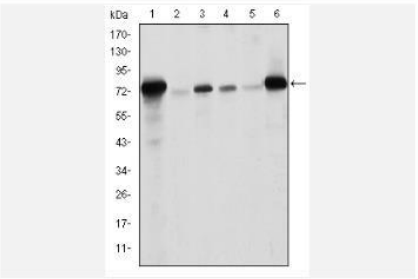
PRODUCT DATA SHEET

Lamin A mAb

Catalog No.	IDS0144
Reactivity	Human; Mouse; Rat
Applications	WB; IHC-p; IF(paraffin section); ELISA
Alternative Names	Prelamin-A/C; LMNA
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.07% sodium azide.
Source	Mouse
Dilution	WB: 1:500-1:2000; IHC: 1:200-1:1000; IF: 1:50-1:200; ELISA: 1:10000
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	1 mg/ml
Storage&Stability	Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.
Subcellular Location	-
MW	~ 64, 73 kDa
Background	The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Alternative splicing results in multiple transcript variants. Mutations in this gene lead to several diseases: Emery-Dreifuss muscular dystrophy, familial partial lipodystrophy, limb girdle muscular dystrophy, dilated cardiomyopathy, Charcot-Marie-Tooth disease, and Hutchinson-Gilford progeria syndrome. [provided by RefSeq, Apr 2012].
Swiss-Prot	P02545

Products Images:



Western Blot analysis using Lamin A Monoclonal Antibody against Raw264.7 (1), PC-12 (2), THP-1 (3), A431 (4), MCF-7 (5) and Jurkat (6) cell lysate.

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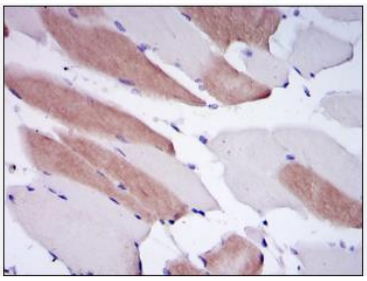

Immunohistochemistry analysis of paraffin-embedded human striated muscle tissues with DAB staining using Lamin A Monoclonal Antibody.