Biotin Conjugated-Lamin A/C Mouse mAb

Catalog NO.: A26876BC

Basic Information

Observed MW

Calculated MW
74 kDa

Category
Monoclonal Antibodies

Applications
IHC-P

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Biotin

Clone number
AMC50041

Background

The protein encoded by this gene is part of the nuclear lamina, 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.

Recommended Dilutions

IHC-P	1:50 - 1:400

Immunogen Information

Gene ID
4000

Swiss Prot
P02545

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; MADA; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B

Contact

Product Information

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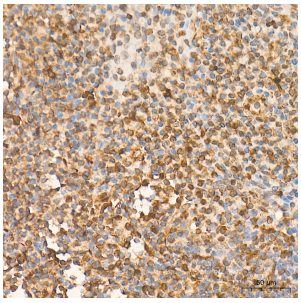
Source
Mouse

Isotype
IgG1. Rabbit-derived mouse chimeric antibody

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Biotin Conjugated-Lamin A/C Mouse mAb (A26876BC) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

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