

Recombinant**DGRmAb®****Lamin A/C (DGR31266) Rabbit mAb (AF647)****db11008-DL647****Package : 100µL****Product Name :** Lamin A/C (DGR31266) Rabbit mAb (AF647)**Cat.No.:** db11008-DL647**Synonyms :** FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; MADA; PRO1; CDCC1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B**Application :** IHC-P, ICC/IF**Reactivity :** Human, Mouse, Rat**Host species :** Rabbit**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]

Immunogen

A synthetic peptide of human Lamin A/C

Gene ID

4000

Swiss Prot

P02545

Synonyms

FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; MADA; PRO1; CDCC1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B

Reactivity

Human, Mouse, Rat

Application

IHC-P, ICC/IF

Recommended dilution

ICC/IF: 1:1000

Calculated MW

74 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR31266

Isotype	IgG
Purity	Affinity Purification
Conjugation	AF647
Concentration	1 mg/mL
Storage Stability	Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.