

Recombinant

DGRmAb®

**Lamin A/C (DGR31266) Rabbit mAb**

db11008

Package : 10µL 20µL 50µL 100µL

**Product Name** : Lamin A/C (DGR31266) Rabbit mAb**Cat.No.:** db11008**Synonyms** : FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; MADA; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B**Application** : WB, 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; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**WB: 1:2000-1:20000  
IHC-P: 1:100-1:200  
ICC/IF: 1:200-1:500**Calculated MW**

74 kDa

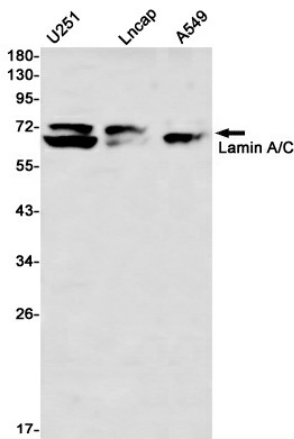
**Observed MW**

74,63 kDa

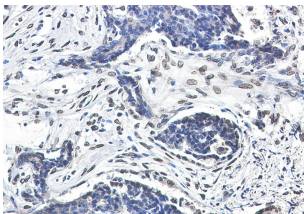
**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR31266
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Lamin A/C in U251,Lncap,A549 using Lamin A/C antibody(1:1000 diluted)



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11008 antibody.