

Recombinant

DGRmAb®

Lamin A/C (DGR17025) Rabbit mAb

db13193

Package : 10µL 20µL 50µL 100µL

Product Name : Lamin A/C (DGR17025) Rabbit mAb**Cat.No.:** db13193**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, FC, IP**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

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Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

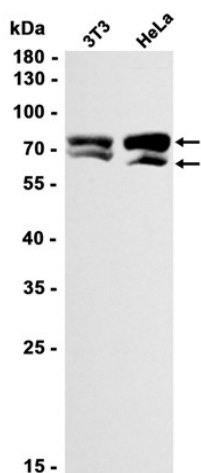
Recommended dilutionWB: 1:1000-1:5000
IHC-P: 1:100-1:200
ICC/IF: 1:100-1:200
FC: 1:20
IP: 1:10-1:100**Calculated MW**

74 kDa

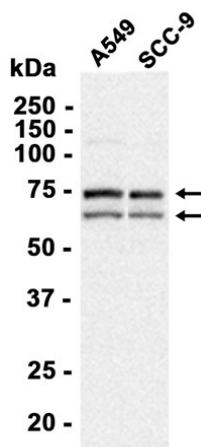
Observed MW

74,63 kDa

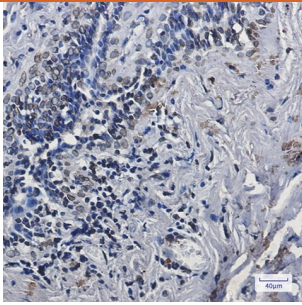
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR17025
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



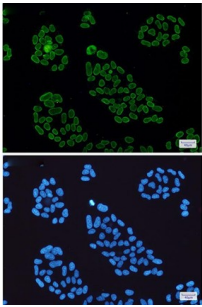
Western blot analysis of extracts from 3T3, HeLa cells using db13193 at 1:1000.



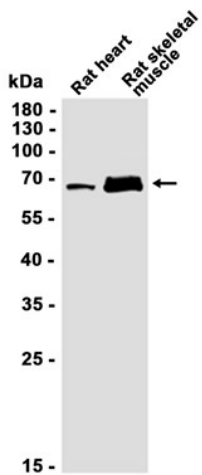
Western blot analysis of extracts from A549, SCC-9 cells using db13193 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db13193 antibody.



Immunofluorescent analysis of HeLa cells using db13193 antibody (green), and DAPI (blue).



Western blot analysis of extracts from Rat heart, Rat skeletal muscle tissues using db13193 at 1:1000.