







Lamin B1 (DGR16498) Rabbit mAb

db16165 Package : 10μL 20μL 50μL 100μL

Product Name: Lamin B1 (DGR16498) Rabbit mAb

Cat.No.: db16165

Synonyms: LMN; ADLD; LMN2; LMNB; MCPH26

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

Reactivity: Human, Mouse, Rat

Host species: Rabbit

Background This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina.

A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy

(ADLD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Immunogen Recombinant protein of human Lamin B1

Gene ID 4001, 16906, 116685

Swiss Prot P20700, P14733, P70615

Synonyms LMN; ADLD; LMN2; LMNB; MCPH26

Reactivity Human, Mouse, Rat

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

Recommended dilution WB: 1:1000

IHC-P: 1:200-1:2000 ICC/IF: 1:500-1:1000 FC: 1:200-1:500

IP: 1:20-1:50

Calculated MW 66 kDa

Observed MW 70 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR16498

Isotype IgG

Purity Affinity Purification



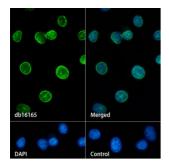


Conjugation

Un-conjugated

Storage Stability

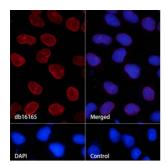
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of 3T3 cells labelling Lamin B1 with db16165.

The cells were fixed with cold 100% methanol (10min, 4° C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16165 (1:500) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



Immunofluorescence analysis of HeLa cells labelling Lamin B1 with db16165.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16165 (1:500) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF647(db10006, shown in red). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.