Recombinant DGRmAb®

Lamin B1 (DGR16498) Rabbit mAb (PBS Only)

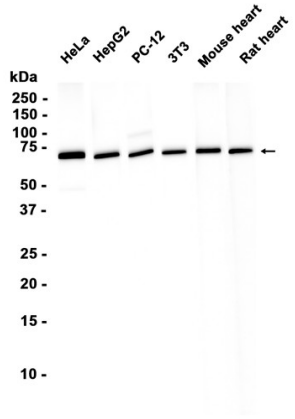
db16165-PBS **Package : 10μg 100μg**

Product Name : Lamin B1 (DGR16498) Rabbit mAb (PBS Only)
Cat.No.: db16165-PBS
Synonyms : LMN; ADLD; LMN2; LMNB; MCPH26
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

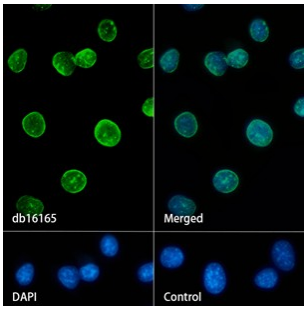
Background	This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
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
Calculated MW	66 kDa
Observed MW	70 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16498
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only

Storage Stability

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



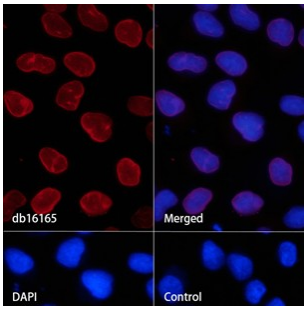
Western blot analysis of extracts from HeLa, HepG2, PC-12, 3T3 cells and Mouse heart, Rat heart tissues using db16165 at 1:1000.



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

The cells were fixed with cold 100% methanol (10min, 4℃) 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 temprature 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℃) 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 temprature 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.