Recombinant DGRmAb®

Lamin B1 (DGR13868) Rabbit mAb (PBS Only)

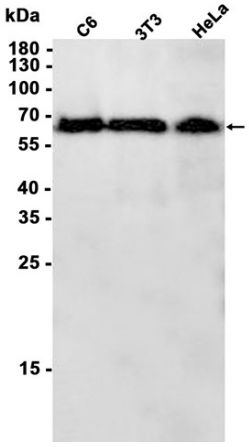
db13332-PBS **Package : 10μg 100μg**

Product Name : Lamin B1 (DGR13868) Rabbit mAb (PBS Only)
Cat.No.: db13332-PBS
Synonyms : LMN; ADLD; LMN2; LMNB
Application : WB, IHC, ICC/IF, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

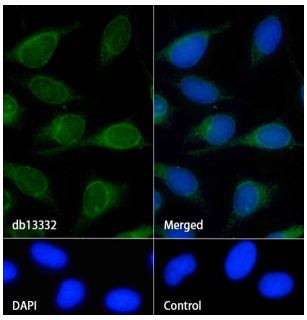
Background	This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Immunogen	A synthetic peptide of human Lamin B1
Gene ID	4001
Swiss Prot	P20700
Synonyms	LMN; ADLD; LMN2; LMNB
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, IP
Calculated MW	66 kDa
Observed MW	66 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13868
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 C6, 3T3, HeLa cells using db13332 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Lamin B1 with db13332.

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 db13332 (1:200) 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.