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Anti-Lamin B1 Rabbit mAb [29E96]

Catalog No.: A52202

Basic Information

Catalog No. (Cat.No.)	A52202
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Lamin B1,Lamin-B1,Lamin B,LBR,LBR protein

Product Information

Target	Lamin B1
Molecular Weight(Calculated)	68 kDa
Molecular Weight(Observed)	68 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	29E96
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Lamin B1
Gene Name	*LMNB1*
Domain	NA
Background	Lamin B1 belongs to type-V intermediate filament family and localizes to nuclear lamina beneath inner nuclear membrane. It builds nuclear skeleton to preserve nuclear morphology and envelope integrity, and participates in chromatin anchoring, gene regulation and DNA-damage repair. Lamin B1 serves as a canonical nuclear-integrity marker, and its down-regulation is a hallmark of cellular senescence. Lamin B1 defects cause laminopathies.