



Anti-LMNB1 monoclonal antibody, clone FQS9096(C) (DCABH-2877)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Lamin B1
Antigen Description	Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin.
Immunogen	Synthetic peptide. within Human Lamin B1 aa 500 to the C-terminus.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS9096(C)
Purification	Protein A purified
Conjugate	Unconjugated
Applications	IP, ICC/IF, WB, IHC-P Recommended concentration: IP: 1/20 ICC/IF: 1 µg/ml WB: 1/1000 - 1/10000 IHC-P: 1/300
Positive Control	WB: Hap1, HeLa, Jurkat, Molt4, Y79, Caco 2, C6, Raw264.7, PC-12 and NIH/3T3 cell lysates. Mouse brain, heart, kidney and spleen; and Rat brain, heart and spleen lysates. IHC-P: Human colon, liver and transitional cell carcinoma of the bladder tissues. ICC/IF: Ramos cells, HAP1-

LMNB1 cells.

Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
Preservative	0.01% Sodium azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	LMNB1 lamin B1 [Homo sapiens]
Official Symbol	LMNB1
Synonyms	LMNB1; lamin B1; lamin-B1; LMN; ADLD; LMN2; LMNB; MGC111419;
Entrez Gene ID	4001
Protein Refseq	NP_001185486
UniProt ID	B4DZT3
Chromosome Location	5q23.2
Pathway	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem; Breakdown of the nuclear lamina, organism-specific biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem;
Function	phospholipase binding; structural molecule activity;