Anti-Lamin B1 Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M016246

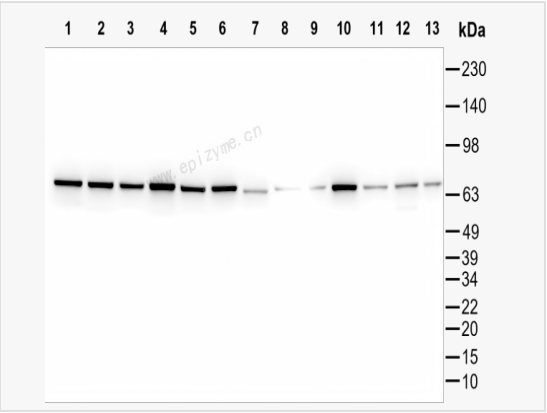
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	19Q58B32
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein corresponding to Human Lamin B1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Lamin B1 Mouse mAb [19Q58B32] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ADLD antibody; lamin B1 antibody; Lamin-B1 antibody; LMN antibody; LMN2 antibody; LMNB antibody; Lmnb1 antibody; LMNB1_HUMAN antibody; MGC111419 antibody; OTTHUMP00000159218 antibody.
Calculated MW	Calculated MW: 66 kDa; Observed MW: 66 kDa
Uniprot ID	P20700
Gene ID	4001
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]
Cellular Location	Nucleus lamina

Validation Images



Western Blot - Anti-Lamin B1 Mouse mAb [19Q58B32]
All lanes: M016246 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: MCF-7 (Human breast adenocarcinoma epithelial cell) whole cell lysates
Lane 5: 293T (Human embryonic kidney cell) whole cell lysates
Lane 6: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 7: Mouse kidney whole tissue lysates
Lane 8: Mouse heart whole tissue lysates
Lane 9: Mouse liver whole tissue lysates
Lane 10: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lane 11: Rat brain whole tissue lysates
Lane 12: Rat heart whole tissue lysates
Lane 13: Rat liver whole tissue lysates
Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution
Lysates/proteins at 10 µg per lane.
Predicted band size: 66 kDa
Observed band size: 66 kDa
Developed using the ECL technique (Cat. No. SQ201).