

Rabbit Lamin-B1 Monoclonal Antibody | anti-Lamin-B1 antibody

Lamin-B1 (RBT-LMNB1)

CATALOG # AAA59379	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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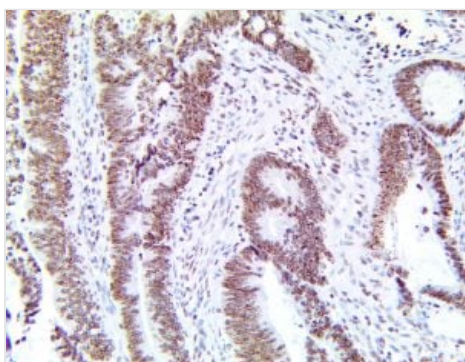
PRODUCT SYNONYMS

Lamin-B1; Monoclonal Antibody; Lamin-B1 (RBT-LMNB1); lamin-b1; lamin b1; lmn-b1; lmn-b1; anti-lamin-b1; anti-lamin b1; anti-lmn-b1; anti-lmn-b1; anti-Lamin-B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	RBT-LMNB1
Form/Format	Paraffin, Frozen Lamin-B1 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	Recombinant human Lamin-B1 protein.
Control	Colon, Breast, Fallopian Tube, Tonsil, Testis, Transitional Cell Carcinoma, T Cell Lymphoblastic Lymphoma, Colon Adenocarcinoma
Localization	Nuclear
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

Lamin-B1 Antibody Immunohistochemistry on an FFPE Colon Adenocarcinoma Tissue

Antibody Type	Dilution	Volume/Qty
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-Lamin-B1 antibody	Lamin-B1 is an intermediate filament protein that in humans is encoded by the gene LMNB1. B-type Lamin along with A-type Lamin line the inner surface of the nuclear envelope and form a dynamic structure that is disassembled and reassembled each time a cell enters mitosis. Lamin-B1 plays a central role in chromatin organization, gene positioning, DNA replication and repair, cell cycle progression, stress responses, proliferation and differentiation. Lamin-B1 loss is associated with cellular senescence and a broad range of aging-related diseases such as cardiovascular diseases and cancers. Recent studies showed Lamin-B1 deficiency promotes Lung Cancer development and metastasis by epigenetic derepression of RET, as well as malignancy and poor prognosis in Gastric Cancer. It has been observed that Lamin-B1 levels are reduced in Lung Cancer patients compared to normal Lung tissue and that lower expression of Lamin-B1 antibody was associated with higher tumor grade. The levels of lamin A, on the other hand, were not altered in human Lung Tumors, indicating that the different types of lamins have distinct functions in lung carcinogenesis. Overexpression of Lamin-B1 antibody can also indicate poor prognosis in Colon and Pancreatic Cancers.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lamin-b1-antibody-clone-rbt-lmnb1-elisa/59379>