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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Lamin A/C LMNA Monoclonal Antibody

Catalog Number: M00438-1

Overview

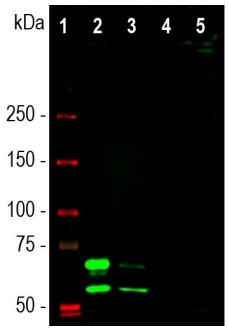
Product Name	Anti-Lamin A/C LMNA Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Lamin A/C LMNA Monoclonal Antibody catalog # M00438-1. Tested in IF, WB applications. This antibody reacts with Human.
Application	IF, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN_3
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P02545

Technical Details

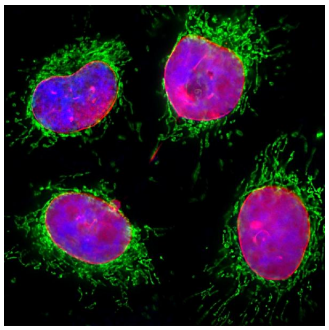
Immunogen	Full length recombinant human lamin A expressed in and purified from E. coli.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000-1:2,000. IF/ICC 1:1,000

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Anti-Lamin A/C LMNA Monoclonal Antibody (M00438-1) Images



Western blot analysis of different cell lysates using mouse mAb to lamin A/C, M00438-1, dilution 1:1,000 in green: [1] protein standard (red), [2] HeLa, [3] HEK293 [4] C6, and [5] NIH-3T3 cell lysates. Two strong bands at 74 and 65kDa correspond to the lamin A and lamin C proteins respectively, detected only in the cells of human origin. M00438-1 antibody failed to recognize rat or mouse proteins.



Immunofluorescent analysis of HeLa cells stained with mouse mAb to lamin A/C, M00438-1, dilution 1:2,000 in red, and costained with rabbit pAb to HSP60, dilution 1:5,000, in green. The blue is Hoechst staining of nuclear DNA. M00438-1 antibody specifically labels the nuclear lamina, while the other antibody reveals protein expressed in mitochondria.

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