

## Product Datasheet

# Lamin A/C Mouse Monoclonal Antibody (orb1474193)

<b>Catalog Number</b>	orb1474193
<b>Category</b>	Antibodies
<b>Description</b>	The Lamin A/C Antibody is suitable for IF, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant human LMNA protein fragments expressed in E.coli. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Target</b>	LMNA
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	Purified recombinant human LMNA protein fragments expressed in E.coli.
<b>UniProt ID</b>	<b>P48678, P02545, P48679</b>
<b>Tested applications</b>	IF, WB
<b>Dilution range</b>	WB (1/500 - 1/1000), IF/IC (1/50 - 1/100)

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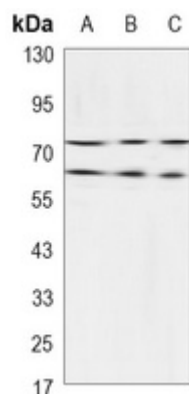
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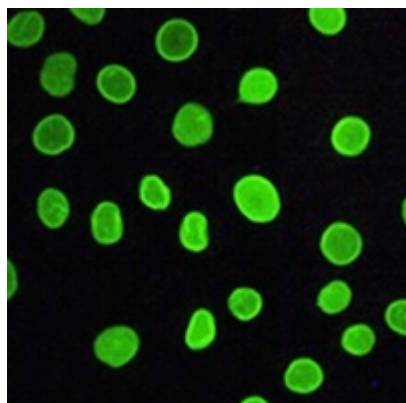
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<b>Specificity</b>	Recognizes endogenous levels of Lamin A/C protein.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>60374, 16905, 4000</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Lamin A/C expression in MCF7 (A), A549 (B), HeLa (C) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 63, 74 kD)



Immunofluorescent analysis of Lamin A/C staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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