

Lamin A/C monoclonal antibody

Catalog: MB66687

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Lamins are nuclear membrane structural components that are important in maintaining normal cell functions such as cell cycle control, DNA replication, and chromatin organization. Lamin A/C is cleaved by caspase-6 and serves as a marker for caspase-6 activation. During apoptosis, lamin A/C is specifically cleaved into a large (41-50 kDa) and a small (28 kDa) fragment. The cleavage of lamins results in nuclear dysregulation and cell death.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

~ 74 kDa

Swiss-Prot:

P02545

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

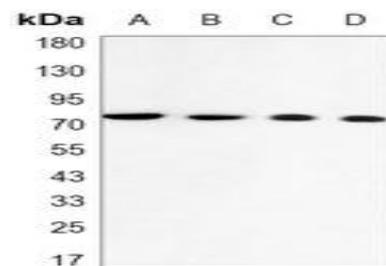
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Lamin A/C protein.

DATA:



Western blot analysis of Lamin A/C expression in K562 (A), C6 (B), NIH3T3 (C), HeLa (D) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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