Recombinant Lamin A/C Monoclonal Antibody

Catalog Number: E-AB-81577



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse

Immunogen A synthetic peptide of human Lamin A/C

Host Rabbit
Isotype IgG
Clone R07-115

Purification Affinity Purified
Conjugation Unconjugated

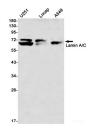
Formulation 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and

0.05% protective protein

Applications Recommended Dilution

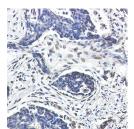
WB 1:1000-1:2000 IHC 1:50-1:100

Data



Western blot detection of Lamin A/C in U251,Lncap,A549 using Lamin A/C Rabbit mAb(1:1000 diluted)

Observed Mw:74/63 kDa Calculated Mw:74 kDa



Immunohistochemistry of Lamin A/C in paraffinembedded Human breast cancer tissue using Lamin A/C Rabbit mAb at dilution 1:50

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Alternative splicing results in multiple transcript variants.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: <u>www.elabscience.com</u> Email: <u>techsupport@elabscience.com</u>