Product Name: LMNB1 Mouse Monoclonal Antibody
Catalog #: AMM82716
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	66.4kDa

Antigen Information

Gene Name	LMNB1
Alternative Names	LMN； ADLD； LMN2; LMNB； MCPH26
Gene ID	4001.0
SwissProt ID	P20700
Immunogen	Purified recombinant fragment of human LMNB1 (AA: 413-583) expressed in HEK293-6e cells supernatant.

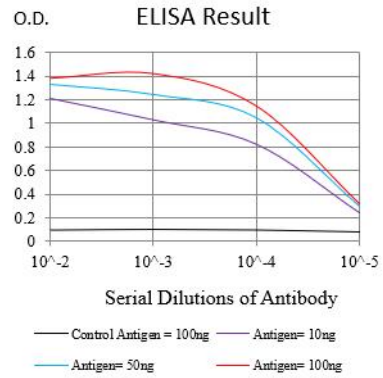
Background

This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript

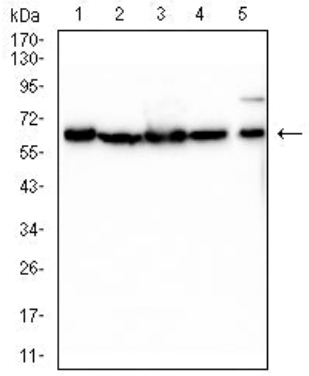
variants.

Research Area

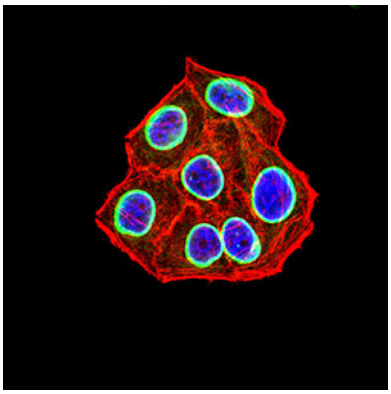
Image Data



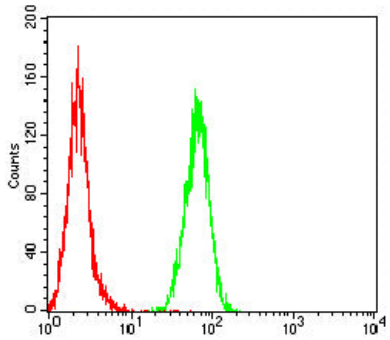
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



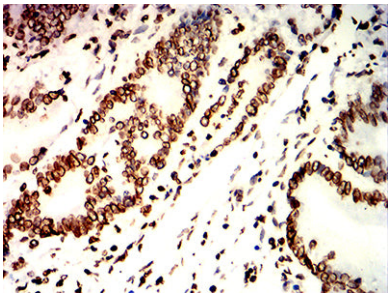
Western blot analysis using LMNB1 mouse mAb against Hela (1), Hek293 (2), K562 (3), SH-SY5Y (4), and PC-3 (5) cell lysate.



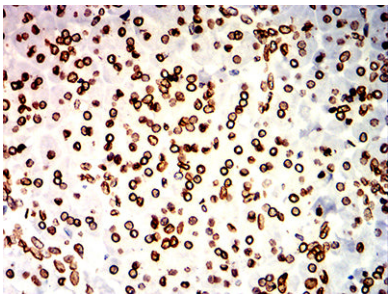
Immunofluorescence analysis of Hela cells using LMNB1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of Hela cells using LMNB1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using LMNB1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human pancreas tissues using LMNB1 mouse mAb with DAB staining.