

Product Name: EMD Mouse Monoclonal Antibody
Catalog #: AMM81475



Summary

Production Name	EMD Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	EMD
Alternative Names	STA; EDMD; LEMD5
Gene ID	2010.0
SwissProt ID	P50402.Purified recombinant fragment of human EMD (AA: 1-222) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	29kDa

Background

Emerin is a serine-rich nuclear membrane protein and a member of the nuclear lamina-associated protein family. It

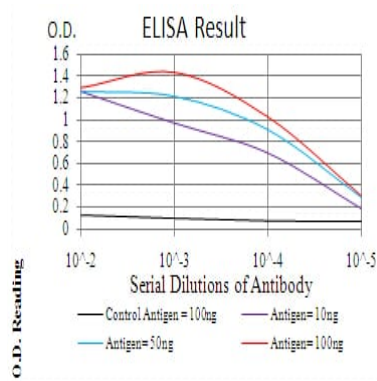
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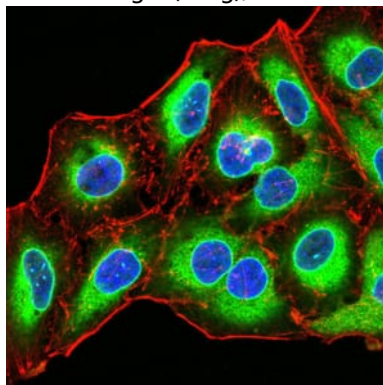
mediates membrane anchorage to the cytoskeleton. Dreifuss-Emery muscular dystrophy is an X-linked inherited degenerative myopathy resulting from mutation in the emerin gene.

Research Area

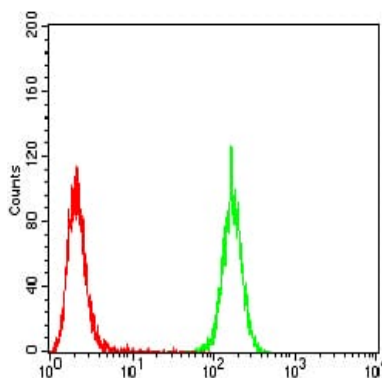
Image Data



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

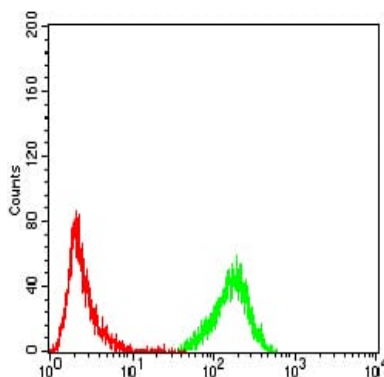


Immunofluorescence analysis of HeLa cells using EMD mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

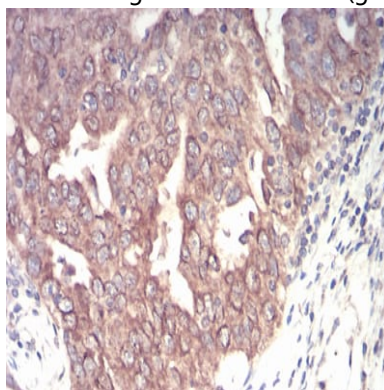


Flow cytometric analysis of A549 cells using EMD mouse mAb (green) and negative control (red).

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Flow cytometric analysis of K562 cells using EMD mouse mAb (green) and negative control (red).



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

Note

For research use only.