

Vinculin Monoclonal Antibody

catalog number: **AN005300L**

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

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Vinculin protein expressed by E.coli
Host	Mouse
Isotype	Mouse IgG1
Clone	4D4
Purification	Protein A/G Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Recommended Dilution

WB	1:2000-1:4000
IHC	1:200-1:400
IF	1:200-1:400

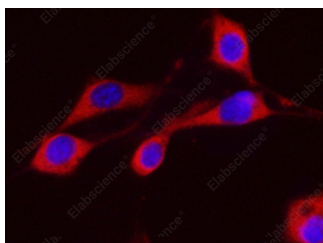
Data



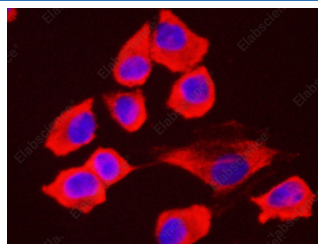
Western blot with Anti Vinculin Monoclonal Antibody at dilution of 1:4000. Lane 1:HeLa cell lysate,Lane 2:HepG2 cell lysate, Lane 3:A549 cell lysate,Lane 4:A431 cell lysate,Lane 5:293T cell lysate,Lane 6:NIH/3T3 cell lysate,Lane 7:C6 cell lysate,Lane 8:Rat Lung tissue lysate,Lane 9:Mouse Heart tissue lysate.

Observed-MW:126 kDa

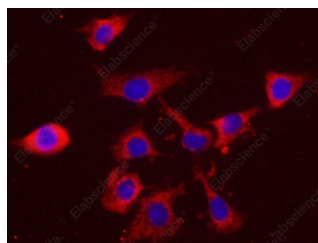
Calculated-MW:124 kDa



Immunofluorescence analysis of NIH/3T3 cells using Vinculin Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of HeLa cells using Vinculin Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of C6 cells using Vinculin Monoclonal Antibody at dilution of 1:200.

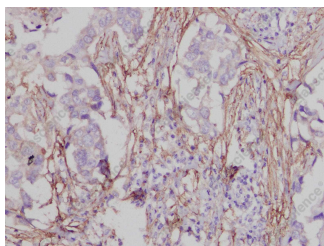
For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

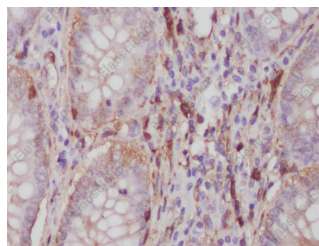
Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.7



Immunohistochemistry of paraffin-embedded Human breast cancer using Vinculin Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human colon cancer using Vinculin Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Vinculin belongs to the vinculin/alpha-catenin family. It is an actin filament (F-actin)-binding protein which involved in cell-matrix adhesion and cell-cell adhesion. Vinculin regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. It may also play important roles in cell morphology and locomotion. Vinculin is a 117-kDa, 1,066-amino-acid protein which is ubiquitously expressed. Its splice variant, metavinculin (124 kDa), is muscle-specific.

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