

Recombinant Vinculin Monoclonal Antibody

catalog number: E-AB-81494

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

Description

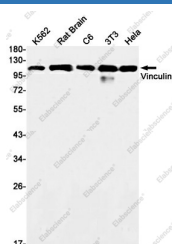
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Vinculin
Host	Rabbit
Isotype	Rabbit IgG
Clone	C173280
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

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

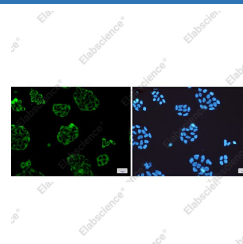
Data



Western blot detection of Vinculin in K562,Rat Brain,C6,3T3,Hela cell lysates using Vinculin Rabbit mAb(1:1000 diluted).Predicted band size:124kDa.Observed band size:124kDa.

Observed-MW:124 kDa

Calculated-MW:124 kDa



Immunofluorescence of Vinculin(green) in Hela cells using Vinculin Rabbit mAb at dilution 1:50, and DAPI(blue)

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 is a cytoskeletal protein associated with cell-cell and cell-matrix junctions. Vinculin regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. It plays an important role in cell morphology and locomotion.

For Research Use Only