

Product Data Sheet: Vinculin Mouse Monoclonal Antibody

Cat. No: MAB-80145
Conjugate: Unconjugated

Size: 100 ug

Clone: VIN-54

Concentration: 1mg/ml

Host: Mouse

Isotype: IgG1

Immunogen: vinculin

Reactivity: Human, Rat, Mouse

Applications: Western Blot: 1:2000-1:20000 Immunohistochemistry: 1:50-1:500

Immunofluorescence: 1:50-1:500

Molecular Weight: 124 kDa

Purification: Protein A+G purification

Synonyms: CMD1W, Metavinculin, MVCL, VCL, Vinculin

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

Background: 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.

Form: Liquid

Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3, **Storage:** -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

For Research use only IMMUNOLOGICAL SCIENCES