

Rev. V2.3



A Reliable Research Partner in Life Science and Medicine

HRP-conjugated Vinculin Monoclonal Antibody

catalog number: AN00297HP

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
 IgG1

 Clone
 4D4

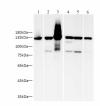
Purification Protein A/G Purification

Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:2500-1:5000

Data



Western blot with HRP-conjugated Vinculin Monoclonal Antibody at dilution of 1:5000.lane 1:Raji whole cell lysate, lane 2:HL-60 whole cell lysate, lane 3:U87-MG whole cell lysate, lane 4:mouse lung whole cell lysate, lane 5:rat lung whole cell lysate, lane 6:C6 whole cell lysate

Observed-MW:135 kDa Calculated-MW:124 kDa

Preparation & Storage

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

prolonged exposure to light.

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.

For Research Use Only

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