

HRP-conjugated Vinculin Monoclonal Antibody

catalog number: AN00297HP

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

Description

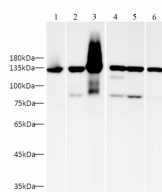
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Vinculin protein expressed by E.coli
Host	Mouse
Isotype	IgG1
Clone	4D4
Purification	Protein A/G Purification
Conjugation	HRP
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

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