

Rev. V2.4



A Reliable Research Partner in Life Science and Medicine

FITC-conjugated Vinculin Monoclonal Antibody

catalog number: AN00297C

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

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Reactivity Human

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 and 0.1% gelatin, pH7.4

Applications Recommended Dilution

FCM 0.2 μg per 10⁶ cells in a 100 μL suspension

Data



1X10^6 Hela cells were intracellularly stained with 0.2 µg FITC-conjugated Vinculin Monoclonal Antibody(red), or 0.2 µg FITC-conjugated Vinculin Monoclonal Antibody Isotype Control (green).

Preparation & Storage

Storage Storage Store at 4°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.

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