FITC-conjugated Vinculin Monoclonal Antibody

catalog number: **AN00297C**

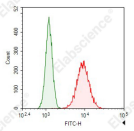
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human Vinculin protein expressed by E.coli
Host	Mouse
Isotype	Mouse 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 10^6 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	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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