

FITC-conjugated Vinculin Monoclonal Antibody

catalog number: AN00297C

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

Description

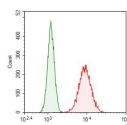
Reactivity	Human
Immunogen	Recombinant human Vinculin protein expressed by E.coli
Host	Mouse
Isotype	IgG1
Clone	4D4
Purification	Protein A/G Purification
Conjugation	FITC(Ex/Em:495nm/525nm)
buffer	PBS with 0.05% proclin 300 and 0.1% gelatin,pH7.4

Applications

Recommended Dilution

FCM	0.2 µg per 10 ⁶ cells in a 100 µL suspension
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Data



1X10⁶ 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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