Recombinant Cofilin Monoclonal Antibody

catalog number: E-AB-81548

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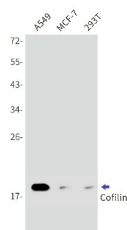
Description

Reactivity	Human
Immunogen	A synthetic peptide of human Cofilin
Host	Rabbit
Isotype	IgG
Clone	R06-2C0
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

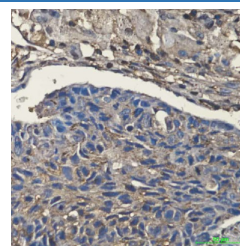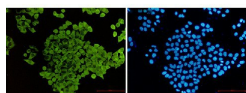| Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:200
IF	1:50-1:100

Data

Western blot detection of Cofilin in A549,MCF-7,293T cell lysates using Cofilin Rabbit mAb(1:1000 diluted).Predicted band size:19kDa.Observed band size:19kDa.

Observed-MW:19 kDa
Calculated-MW:19 kDa

Immunohistochemical of Cofilin in Human lung cancer tissue using Cofilin antibody at dilution 1:200

Immunofluorescence of Cofilin (green) in hela using Cofilin Rabbit mAb at dilution 1:50, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Fax: 1-832-243-6017

Rev. V1.7

Cofilin is a ubiquitous actin-binding protein required for the reorganization of actin filaments. It is a member of ADF (actin-depolymerizing factor)/cofilin family that is a key regulator of actin dynamics and essential for cellular motility, cytokinesis,and endocytosis. Cofilin activity is tightly regulated by phosphorylation and dephosphorylation. Phosphorylation at Ser3 can inhibit its activity,also causing translocation from the nucleus to the cytoplasm.

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