

Anti-Cofilin 1 Antibody (3R946)

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Clone:	3R946
Purification:	Protein A purified

Applications

Verified Activity:	1. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1: 2000
	Primary ab incubation condition: 2 hours at room temperature
	Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)
	Lysate: 1: HeLa, 2: MCF-7, 3: 293T, 4: C6,5: NIH/3T3
	Protein loading quantity: 20 µg
	Exposure time: 3 s
	Predicted MW: 19 kDa
	Observed MW: 19 kDa
	2. Cell line: HeLa
Fixation: 4% Paraformaldehyde	
Permeabilization: 90% Methanol	
Primary Ab dilution: 1:100	
Secondary Ab: Goat Anti-Rabbit IgG	
Unlabelled control: The cell without incubation with primary antibody and secondary antibody (Black line).	
Isotype control: Rabbit monoclonal IgG (Blue line).	
Comment: Line red is the positive signal for TMAB-04508	
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 1:20-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID: 1072

Research Background

The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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