

Cofilin Monoclonal Antibody | anti-Cofilin antibody

Cofilin Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314519	Recombinant Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

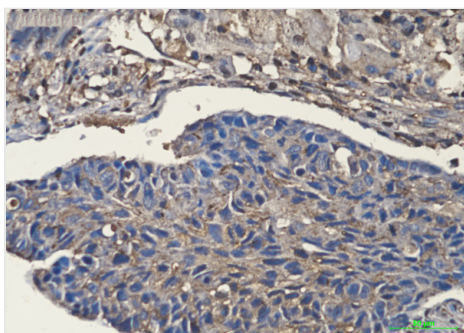
PRODUCT SYNONYMS

Cofilin; Monoclonal Antibody; Cofilin Rabbit mAb; CFL; cofilin; HEL-S-15; anti-Cofilin antibody

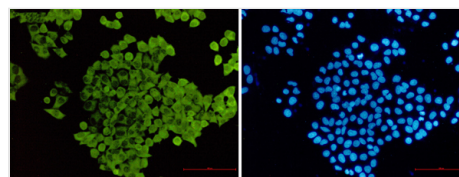
PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S06-2C0
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-Cofilin antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Cofilin
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

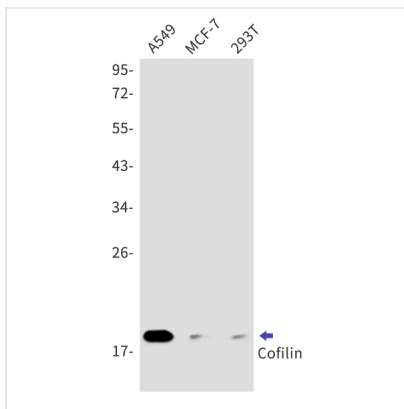
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical of Cofilin in Human lung cancer tissue using Cofilin antibody at dilution 1/2


ICC (Immunocytochemistry)

Immunocytochemistry of Cofilin (green) in HeLa using Cofilin Rabbit mAb at dilution 1/50, and DAPI(blue)



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-Cofilin antibody	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. [supplied by OMIM, Apr 2004]
Product Categories/Family for anti-Cofilin antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031635
NCBI GeneID	1072
NCBI Accession #	NP_005498.1
NCBI GenBank Nucleotide #	NM_005507.2
UniProt Accession #	P23528; Q53Y87; Q9UCA2; B3KUQ1
Molecular Weight	18,502 Da
NCBI Official Full Name	cofilin-1
NCBI Official Synonym Full Names	cofilin 1 (non-muscle)
NCBI Official Symbol	CFL1
NCBI Official Synonym Symbols	CFL
NCBI Protein Information	cofilin-1; p18; 18 kDa phosphoprotein; cofilin, non-muscle isoform
UniProt Protein Name	Cofilin-1
UniProt Gene Name	CFL1
UniProt Synonym Gene Names	CFL; p18
UniProt Entry Name	COF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.