

Mouse anti-Human Cofilin Monoclonal Antibody | anti-CFL1 antibody

Cofilin Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62433	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

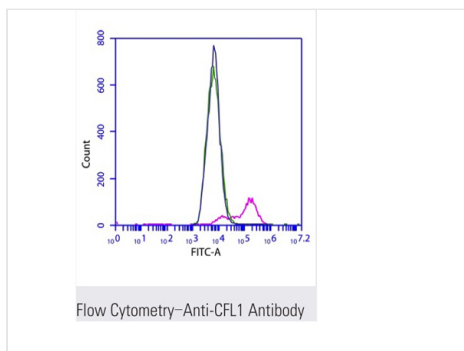
PRODUCT SYNONYMS

Cofilin; Monoclonal Antibody; Cofilin Mouse mAb; anti-CFL1 antibody

PRODUCT SPECIFICATIONS

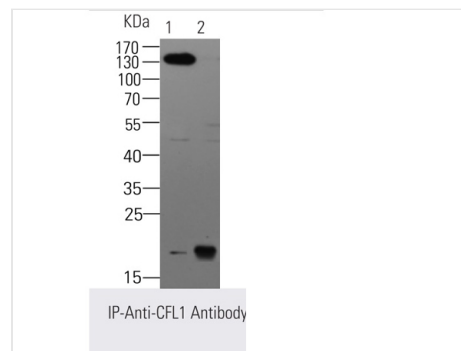
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	166
Applicable Applications for anti-CFL1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human CFL1.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



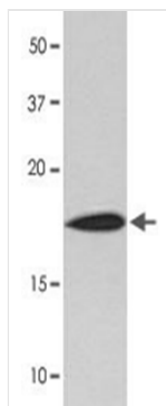
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed 1G2 cells labeling CFL1 with M25353 at 1/200 dilution (blue) compared with a mouse monoclonal IgG isotype control (black). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

CFL1 was immunoprecipitated from 1mg of 1G2 cells membrane fraction, blotted with M25353 of 10 ug. Western blot was performed from the immunoprecipitate using M25353 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1:1G2 cells membrane fraction. Lane2: IP product of 1G2 cells membrane fraction.Predicted band size : 18 KDaObserved band size : 18 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-CFL1 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.
Product Categories/Family for anti-CFL1 antibody	Membrane; Lung Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	1177471
NCBI GeneID	1072
UniProt Accession #	P23528; Q53Y87; Q9UCA2; B3KUQ1
Molecular Weight	Predicted MW: 18kDa
NCBI Official Full Name	cofilin
NCBI Official Synonym Full Names	cofilin 1
NCBI Official Symbol	CFL1
NCBI Official Synonym Symbols	CFL; cofilin; HEL-S-15
NCBI Protein Information	cofilin-1
UniProt Protein Name	Cofilin-1
UniProt Gene Name	CFL1
UniProt Synonym Gene Names	CFL; p18

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cofilin-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62433>