

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

CFL1 (Cofilin-1, Cofilin, Non-muscle Isoform, 18kD Phosphoprotein, p18, CFL) (FITC)

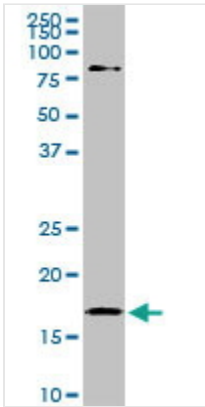
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25056	Mouse	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

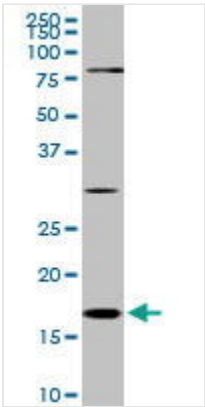
CFL1; Monoclonal Antibody; CFL1 (Cofilin-1; Cofilin; Non-muscle Isoform; 18kD Phosphoprotein; p18; CFL) (FITC); anti-CFL1 antibody

PRODUCT SPECIFICATIONS

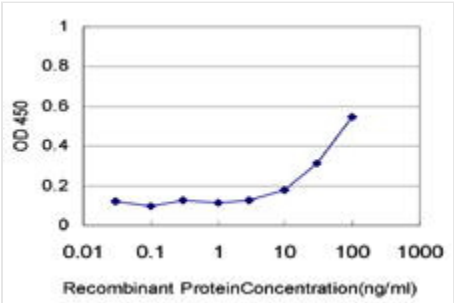
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1A1
Specificity	Recognizes human CFL1. Species Crossreactivity: mouse.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-CFL1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-166 from human CFL1 (AAH11005) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MASGVAVSDGVIVFNDMKVRKSSTPEEVKKRKKAVLFCLSEDKKNIIIEEGKEILVGDVGQTVDDPYATFAKMLPDKDCRYALYDATYETKESKKEDLVF
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Thaw and use required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum stability, store in the dark.



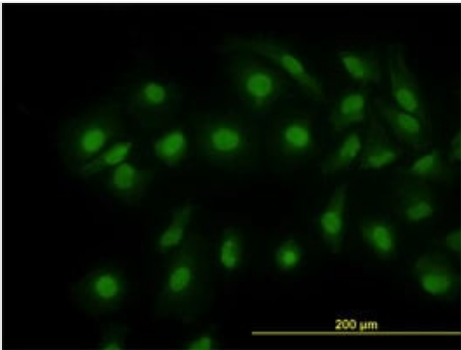
WB (Western Blot)
CFL1 monoclonal antibody. Western Blot analysis of CFL1 expression in PC-12.



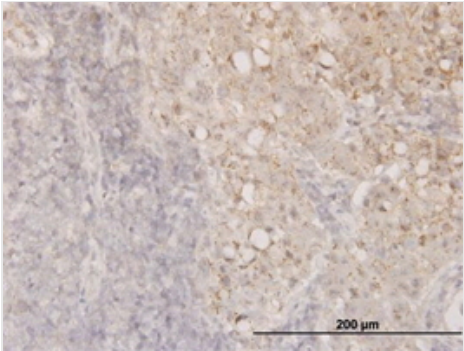
WB (Western Blot)
CFL1 monoclonal antibody. Western Blot analysis of CFL1 expression in Raw 264.7.



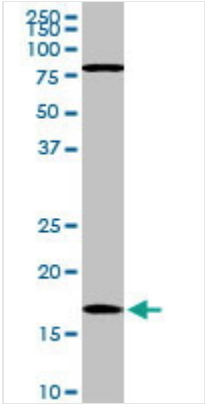
Application Data
Detection limit for recombinant GST tagged CFL1 is ~10ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CFL1 on HeLa cell. [antibody concentration 10ug/ml].



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to CFL1 on formalin-fixed paraffin-embedded human breast cancer. [antibody concentration 1.5ug/ml].



WB (Western Blot)
CFL1 monoclonal antibody. Western Blot analysis of CFL1 expression in NIH/3T3.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CFL1 antibody	Antibodies; Actin
References	1. Identification of phosphorylated serine-15 and -82 residues of HSPB1 in 5-fluorouracil- resistant colorectal cancer cells by proteomics. Sakai A, Otani M, Miyamoto A, Yoshida H, Furuya E, Tanigawa N. Journal of Proteomics (2011), doi: 10.1016/j.jprot.2011.09.023. 2. Overexpression of cofilin 1 can predict progression-free survival in patients with epithelial ovarian cancer receiving standard therapy. Nishimura S, Tsuda H, Kataoka F, Arai T, Nomura H, Chiyoda T, Susumu N, Nishio K, Aoki D. Hum Pathol. 2011 Jan 13.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33877528
NCBI GeneID	1072
Molecular Weight	18,502 Da
NCBI Official Full Name	Homo sapiens cofilin 1 (non-muscle), mRNA
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

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/cfl1-antibody-clone-1a1-immunofluorescence-immunohistochemistry-western-blot-elisa/25056>