

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

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

CATALOG # AAA25645	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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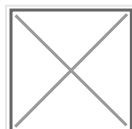
PRODUCT SYNONYMS

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

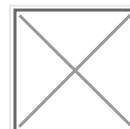
PRODUCT SPECIFICATIONS

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 R-Phycoerythrin (PE).
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	MASGVAVSDGVIKVFNDMKVRKSSTPEEVKKRKKAVLFCLSEDKKNIIIEEGKEILVGDVGQTVD DPYATFAKMLPDKDCRYALYDATYETKESKKEDLVF
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



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.



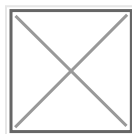
Application Data

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



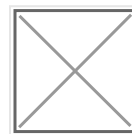
IF (Immunofluorescence)

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, Arao 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/25645>