

Product Datasheet

Cofilin Antibody (1A1) - Azide and BSA Free H00001072-M04

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00001072-M04

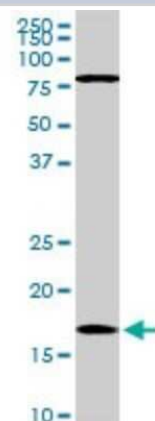
Cofilin Antibody (1A1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A1
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1072
Gene Symbol	CFL1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	cofilin 1 (non-muscle)
Immunogen	CFL1 (AAH11005, 1 a.a. ~ 166 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MASGVAVSDGVIKVFNDMKVRKSSTPEEVKKRKKAVLFCLSEDKKNIILEEGKEI LVGDVGQTVDDPYATFAKMLPDKDCRYALYDATYETKESKKEDLVFIFWAPES APLKSKMIYASSKDAIKKKLTGIKHELQANCYEGVKDRCTLAEKLGGSAVISLEG KPL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 23712570).

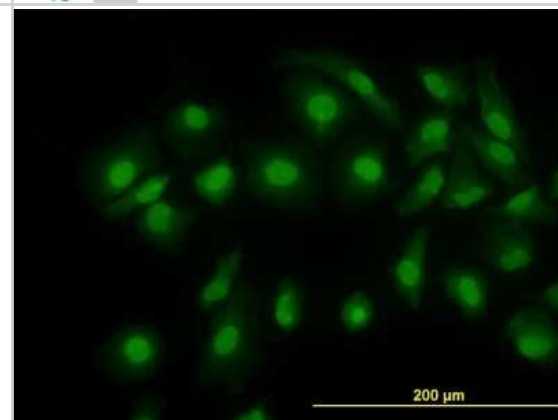


Images

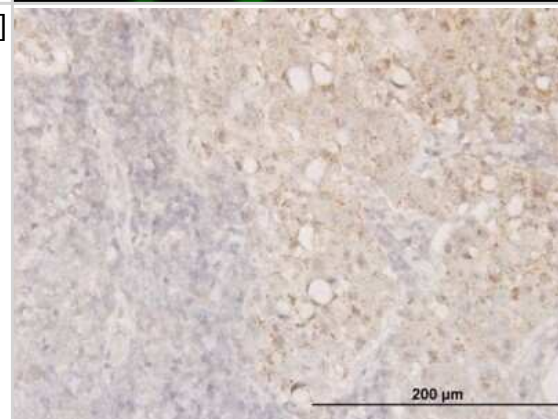
Western Blot: Cofilin Antibody (1A1) [H00001072-M04] - Analysis of CFL1 expression in NIH/3T3 (Cat # L018V1).



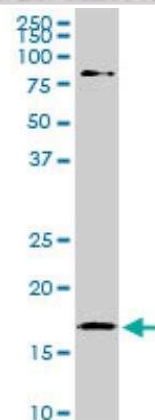
Immunocytochemistry/Immunofluorescence: Cofilin Antibody (1A1) [H00001072-M04] - Analysis of monoclonal antibody to CFL1 on HeLa cell. Antibody concentration 10 ug/ml



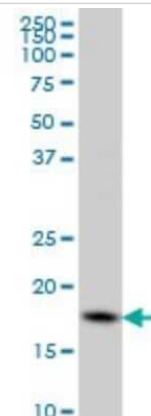
Immunohistochemistry-Paraffin: Cofilin Antibody (1A1) [H00001072-M04] - Analysis of monoclonal antibody to CFL1 on formalin-fixed paraffin-embedded human breast cancer. Antibody concentration 1.5 ug/ml



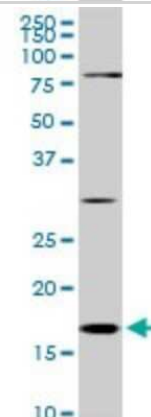
Western Blot: Cofilin Antibody (1A1) [H00001072-M04] - Western Blot analysis of CFL1 expression in PC-12(Cat # L012V1).



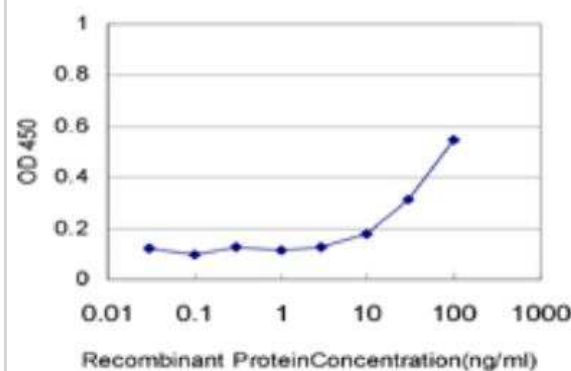
Western Blot: Cofilin Antibody (1A1) [H00001072-M04] - Analysis of CFL1 expression in HeLa (Cat # L013V1).



Western Blot: Cofilin Antibody (1A1) [H00001072-M04] - Analysis of CFL1 expression in Raw 264.7 (Cat # L024V1).



ELISA: Cofilin Antibody (1A1) [H00001072-M04] - Detection limit for recombinant GST tagged CFL1 is approximately 10ng/ml as a capture antibody.



Publications

Sakai A, Otani M, Miyamoto A et al. Identification of phosphorylated serine-15 and -82 residues of HSPB1 in 5-fluorouracil-resistant colorectal cancer cells by proteomics. *Journal of Proteomics*. 2011-01-01 [PMID: 21989268]

Nishimura S, Tsuda H, Kataoka F et al. Overexpression of cofilin 1 can predict progression-free survival in patients with epithelial ovarian cancer receiving standard therapy. *Hum Pathol*. 2011-01-13 [PMID: 21237490]

Chang YF, Chao CH, Lin LY et al. Determination of urine cofilin-1 level in acute kidney injury using a high-throughput localized surface plasmon-coupled fluorescence biosensor. *J Biomed Opt*. 2014-01-01 [PMID: 23788282]

Franciosi L, Govorukhina N, Fusetti F et al. Proteomic analysis of human Epithelial Lining Fluid by microfluidics-based nanoLC-MS/MS: a feasibility study. *Electrophoresis* 2013-09-01 [PMID: 23712570] (IF/IHC, Human)

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Products Related to H00001072-M04

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBC1-18535	Recombinant Human Cofilin His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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