

For Research Use Only

Cofilin Recombinant monoclonal antibody, PBS Only

Catalog Number: 88053-1-PBS



Basic Information

Catalog Number: 88053-1-PBS	GenBank Accession Number: BC012318	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1072	CloneNo.: 260317G7
Source: Rabbit	UNIPROT ID: P23528	
Isotype: IgG	Full Name: cofilin 1 (non-muscle)	
Immunogen Catalog Number: AG1399	Calculated MW: 18 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Cofilin is a ubiquitous actin-binding protein required for the reorganization of actin filaments. It is a member of ADF (actin-depolymerizing factor)/cofilin family that is a key regulator of actin dynamics and essential for cellular motility, cytokinesis, and endocytosis. Cofilin activity is tightly regulated by phosphorylation and dephosphorylation. Phosphorylation at Ser3 can inhibit its activity, also causing translocation from the nucleus to the cytoplasm.

Storage

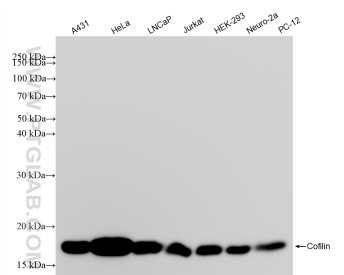
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

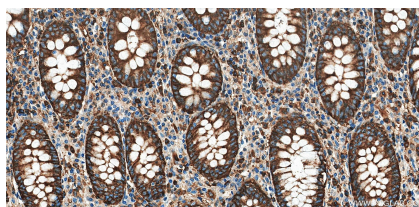
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88053-1-RR (Cofilin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88053-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendix tissue slide using 88053-1-RR (Cofilin antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88053-1-PBS in a different storage buffer formulation.