

## CFL2 / NEM7 Antibody

Mouse Monoclonal Antibody [Clone CFL2/9963]

Catalog No	Format	Size
1073-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1073-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1073-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

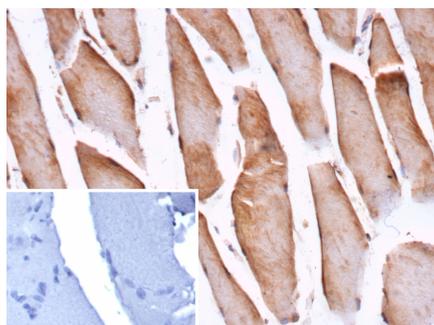
Applications	Tested Dillution	Note

### Product Details

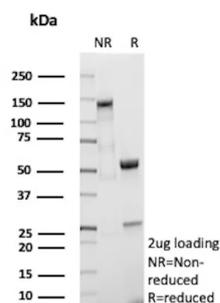
<b>Clone</b>	CFL2/9963
<b>Gene Name</b>	CFL2
<b>Immunogen</b>	Recombinant fragment (around aa1-166) of human CFL2 protein (exact sequence is proprietary)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	19-21kDa
<b>Cellular Localization</b>	Cytoplasm, Cytoskeleton, Nucleus matrix
<b>Species Reactivity</b>	Human

\*Optimal dilution for a specific application should be determined.

### Product Images for CFL2 / NEM7 Antibody



Formalin-fixed, paraffin-embedded human skeletal muscle stained with CFL2 / NEM7 Mouse Monoclonal Antibody (CFL2/9963). Inset: PBS instead of primary antibody; secondary only negative control.



SDS-PAGE Analysis of Purified CFL2 Mouse Monoclonal Antibody (CFL2/9963). Confirmation of Purity and Integrity of Antibody.

### Specificity & Comments

Cofilin is ubiquitously expressed in eukaryotic cells where it binds to Actin, thereby regulating the rapid cycling of Actin assembly and disassembly essential for cellular viability. Cofilin is a low molecular weight protein that binds to filamentous (F) Actin by bridging two longitudinally associated Actin subunits changing the F-Actin filament twist. This process is allowed by the dephosphorylation of Cofilin Ser-3 by factors such as opsonized zymosan. Lim kinase 1, a serine kinase, phosphorylates Cofilin and renders it unable to bind and depolymerise F-Actin.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Signal Transduction

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.