

A Reliable Research Partner in Life Science and Medicine

# **Recombinant Pan-Actin Monoclonal Antibody**

catalog number: AN301618L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human;Rat;Mouse

Immunogen Recombinant human Pan-Actin fragment

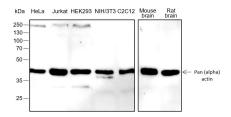
HostRabbitIsotype $IgG, \kappa$ CloneA321

Purification Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

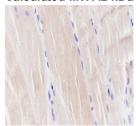
Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:200-1:1000
IF	1:50
FCM	1:50-1:100

#### Data

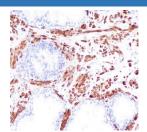


Western Blot with Pan-Actin Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: Jurkat, Lane 3: HEK293, Lane 4: NIH/3T3, Lane 5: C2C12, Lane 6: Mouse brain,

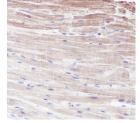
Lane 7: Rat brain
Observed-MW:42 kDa
Calculated-MW:42 kDa



Immunohistochemistry of paraffin-embedded Human skeletal muscle using Pan-Actin Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human prostate hyperplasia using Pan-Actin Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse cardiac muscle using Pan-Actin Monoclonal Antibody at dilution of 1:1000.

## For Research Use Only

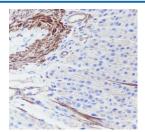
 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

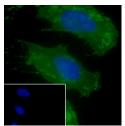
 Web: www.elabscience.com
 Email: techsupport@elabscience.com

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### **Elabscience Bionovation Inc.**

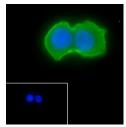
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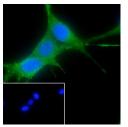




Immunohistochemistry of paraffin-embedded Rat stomach using Pan-Actin Monoclonal Antibody at dilution of 1:1000.

Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-Pan-Actin Monoclonal Antibody at dilution of 1:50.





Immunofluorescent analysis of (100% Ice-cold methanol) Immunofluorescent analysis of (4% Paraformaldehyde) fixed fixed A431 cells using anti-Pan-Actin Monoclonal Antibody at MIH/3T3 cells using anti-Pan-Actin Monoclonal Antibody at dilution of 1:50.

## **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

### **Background**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. In vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility.

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