

Recombinant Pan-Actin Monoclonal Antibody

catalog number: AN301618L

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

Description

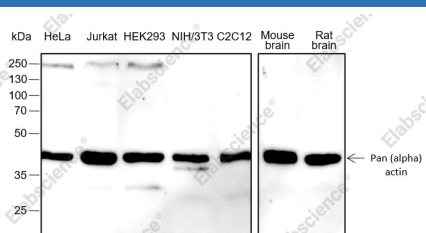
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Pan-Actin fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111241
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

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

Data

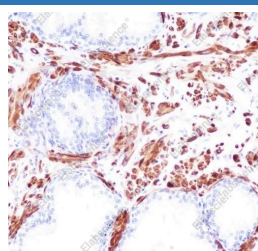


Western Blot with Pan-Actin Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: Jurkat, Lane 3: HEK293, Lane 4: NIH/3T3, Lane 5: C2C12, Lane 6: Mouse brain, Lane 7: Rat brain

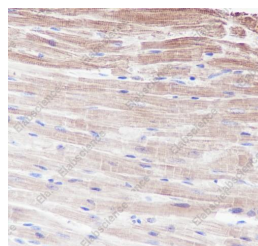
Observed-MW:42 kDa
Calculated-MW:42 kDa



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.

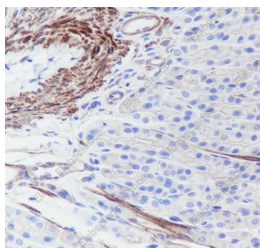
For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

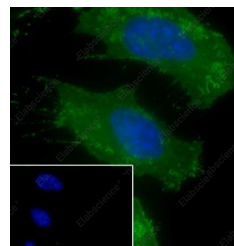
Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

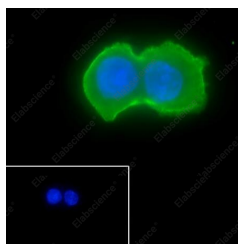
Rev. V1.3



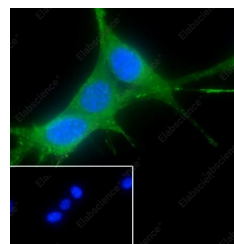
Immunohistochemistry of paraffin-embedded Rat stomach using Pan-Actin Monoclonal Antibody at dilution of 1:1000.



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) fixed A431 cells using anti-Pan-Actin Monoclonal Antibody at dilution of 1:50.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed NIH/3T3 cells using anti-Pan-Actin Monoclonal Antibody at dilution of 1:50.

Preparation & 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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