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**Product Name: alpha Skeletal Muscle Actin Rabbit Monoclonal Antibody****Catalog #: AMRe85813**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC,IP
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.51mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 42 kDa; Observed MW: 42 kDa

**Antigen Information**

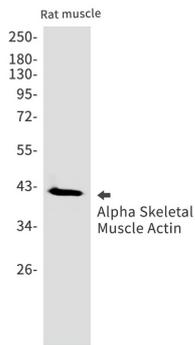
<b>Gene Name</b>	alpha Skeletal Muscle Actin
<b>Alternative Names</b>	ACTA1; ACTA; Actin; alpha skeletal muscle; Alpha-actin-1
<b>Gene ID</b>	58.0
<b>SwissProt ID</b>	P68133
<b>Immunogen</b>	A synthetic peptide of human muscle Actin

**Background**

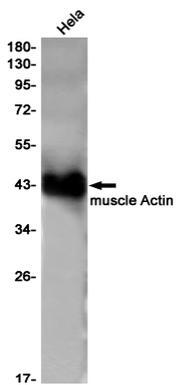
Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

## Research Area

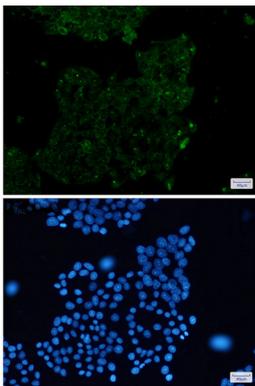
## Image Data



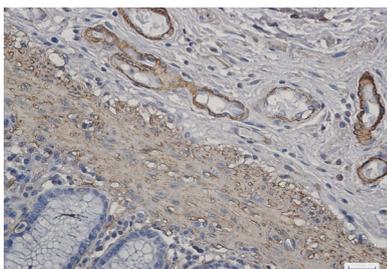
Western blot analysis of Alpha Skeletal Muscle in rat muscle lysates using alpha Skeletal Muscle Actin antibody.



Western blot analysis of muscle Actin in HeLa lysates using muscle Actin antibody.



Immunocytochemistry analysis of muscle Actin (green) in HeLa using muscle Actin antibody, and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using muscle Actin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.