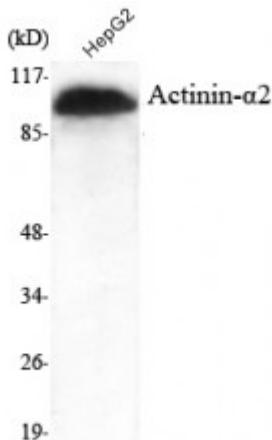


## Anti-Actinin-alpha antibody



<b>Description</b>	Mouse monoclonal to Actinin-alpha2.
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<b>Model</b>	STJ98460
<b>Host</b>	Mouse
<b>Reactivity</b>	Avian, Bovine, Canine, Human, Rat, Swine, Zebrafish
<b>Applications</b>	IF, WB
<b>Immunogen</b>	Purified recombinant human Actinin-alpha2 (C-terminal) protein fragments expressed in E.coli.
<b>Immunogen Region</b>	C-terminal
<b>Gene ID</b>	<a href="#">88</a>
<b>Gene Symbol</b>	<a href="#">ACTN2</a>
<b>Dilution range</b>	WB 1:1000-1:2000 IF 1:100-1:500
<b>Specificity</b>	Actinin-alpha2 Monoclonal Antibody detects endogenous levels of Actinin-alpha2 protein.
<b>Tissue Specificity</b>	Expressed in both skeletal and cardiac muscle.
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Alpha-actinin-2 Alpha-actinin skeletal muscle isoform 2 F-actin cross-linking protein
<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated

<b>Formulation</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:164</a> <a href="#">OMIM:102573</a>
<b>Alternative Names</b>	Alpha-actinin-2 Alpha-actinin skeletal muscle isoform 2 F-actin cross-linking protein
<b>Function</b>	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
<b>Cellular Localization</b>	Cytoplasm, myofibril, sarcomere, Z line. Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle.
<b>Post-translational Modifications</b>	Ubiquitinated by FBXL22, leading to proteasomal degradation.

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