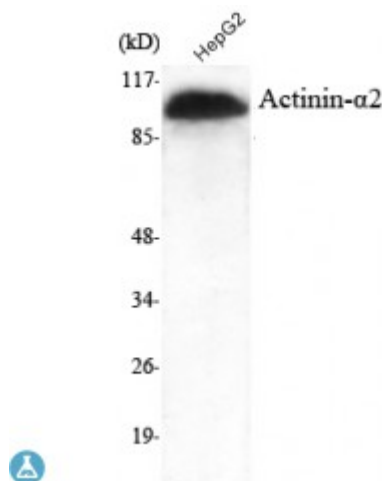


Anti-Actinin-alpha antibody



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

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

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