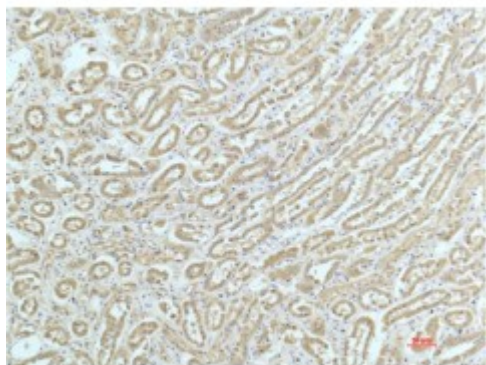


Anti-a-actinin antibody



Description	Mouse monoclonal to a-actinin.
Model	STJ97718
Host	Mouse
Reactivity	Human, Mouse, Rat
Applications	IHC
Immunogen	Recombinant peptide derived from a-actinin Monoclonal Antibody (4A12)
Gene ID	87
Gene Symbol	ACTN1
Dilution range	IHC 1:100-200
Specificity	a-actinin Monoclonal Antibody (4A12) detects endogenous levels of ACTN1
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clone ID	4A12
Note	For Research Use Only (RUO).
Protein Name	Alpha-actinin-1 Alpha-actinin cytoskeletal isoform F-actin cross-linking protein Non-muscle alpha-actinin-1
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:163OMIM:102575
Alternative Names	Alpha-actinin-1 Alpha-actinin cytoskeletal isoform F-actin cross-linking protein Non-muscle alpha-actinin-1
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, cytoskeleton Cytoplasm, myofibril, sarcomere, Z line Cell membrane Cell junction Cell projection, ruffle. Colocalizes with MYOZ2 and PPP3CA at the Z-line of heart and skeletal muscle. Colocalizes with PSD in membrane ruffles and central reticular structures .

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