a-actinin (4A12) Mouse mAb

Cat No: HR1AM2372

For research use only

Overview

Product Name	a-actinin (4A12) Mouse mAb
Source	Mouse
Applications	IHC
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	IHC 1:100-200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	103kDakDa
GeneID?Human?	87
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	actinin 1 smooth muscle antibody, actinin alpha 1 antibody, ACTN 1 antibody, FLJ40884 antibody
Background	?-Actinin belongs to the spectrin family of cytoskeletal proteins. ?-Actinin is necessary for the attachment of actin filaments to the Z-lines in skeletal muscle cells, and to the dense bodies in smooth muscle cells. The functional protein is an anti-parallel dimer, which cross-links the thin filaments in adjacent sarcomeres, and therefore coordinated contractions between sarcomeres in the horizontal axis.