
Product Name: Actin, Muscle Specific(MSA) Mouse Monoclonal Antibody**Catalog #:** AMM22004

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat,Monkey,Bovin,Pig,Chick
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:200-400;ELISA 1:500-5000
Molecular Weight	Observed MW:42kDa

Antigen Information

Gene Name	Actin, Muscle Specific
Alternative Names	
Gene ID	
SwissProt ID	Human:P68032;P68133;P63267;P62736
Immunogen	Synthesized peptide derived from human Actin, Muscle Specific AA range: 2-50

Background

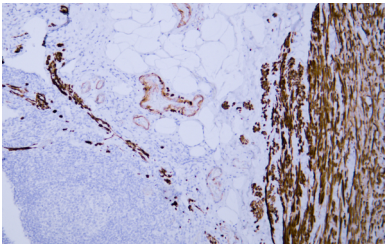
Actins are highly conserved proteins that are involved in various types of cell motility. Polymerization of globular actin (G-actin) leads to a structural filament (F-actin) in the form of a two-stranded helix. Each actin can bind to four others. The protein encoded by this gene belongs to the actin family which is comprised of three main groups of actin isoforms, alpha, beta, and

gamma. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. Defects in this gene have been associated with idiopathic dilated cardiomyopathy (IDC) and familial hypertrophic cardiomyopathy (FHC). [provided by RefSeq, Jul 2008],

Research Area

Pathology

Image Data



Human appendix tissue was stained with anti-MSA antibody.