

Actin, Muscle Specific (ABT-MSA) mouse Monoclonal Antibody

Product overview

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| product name | Actin, Muscle Specific (ABT-MSA) mouse Monoclonal Antibody |
| catalog No. | ATA24290 |
| Category | Primary antibodies |
| Host | Mouse IgG |
| Species specificity | Human |
| Tested applications | IHC-p |
| Clonality | Monoclonal |
| Conjugation | Unconjugated |
| Immunogen | Synthesized peptide derived from human Actin, Muscle Specific |

Product performance

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| Form | Liquid |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | -20°C/1 year |
| Purity | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |

Dilution range

IHC-p 1:100-500

Product background

actin, alpha, cardiac muscle 1(ACTC1) Homo sapiens 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],