IHCAb™ Actin, Muscle Specific (BGT-MSA) mouse mAb

Cat #: B-IMW6142

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

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)..

Product Information

Applications/Dilution: IHC-p 1:100-500, WB 1:200-1000. IF 1:50-200

Isotype/Source: Mouse, Monoclonal/IgG1, Kappa

Specificity: This antibody detects endogenous levels of human Actin, Muscle Specific. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin

Subcellular Location: Cytoplasm, cytoskeleton

Expression: Muscle,Tongue.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage: Store at -15°C to -25°C

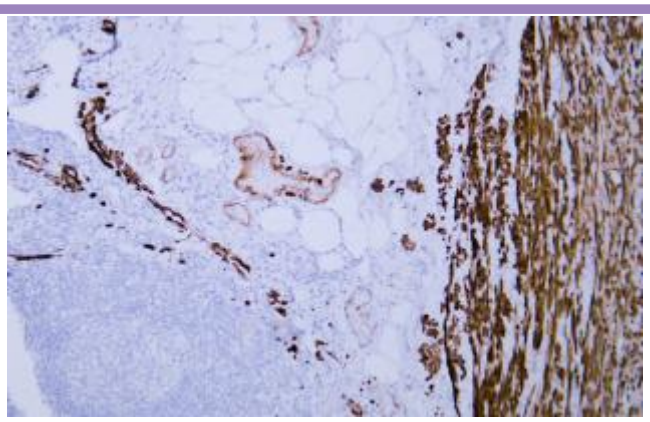

Fig.1. Human appendix tissue was stained with anti-MSA antibody.Secondary Antibody was Biogradetech POLY™ Polymer HRP Goat Anti-Rabbit/Mouse IgG(H+L) Secondary Antibody (B-IMWRS11).

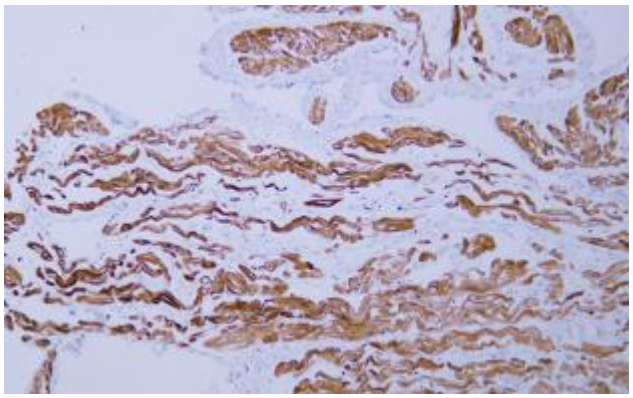

Fig.2. Human cardiac muscle tissue was stained with anti-MSA antibody.Secondary Antibody was Biogradetech POLY™ Polymer HRP Goat Anti-Rabbit/Mouse IgG(H+L) Secondary Antibody (B-IMWRS11).

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.