

Monoclonal Mouse Antibody to Human Muscle Actin

Description:

- Immunogen:** BALB/C mice were injected with SDS extracted protein from human myocardium.
- Clone:** HHF35.
- Isotype:** IgG1, Kappa
- Format:** This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded as well as acetone fixed cryostat tissue sections. No further titration is required.
- Specificity:** This antibody is specific to alpha and gamma specific actin isomers from skeletal, cardiac and smooth muscle but does not recognize beta and nonsmooth muscle gamma actin isomers. In Western blot, HHF35 picks up 42 kD protein extract from skeletal muscle but not from epithelial cell line.

Uses/Limitations:

Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage:

2-8° Centigrade.

Procedure:

We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.

Precautions:

Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:)

- i) Gowm et al. Am J Pathol 125: 191, 1986.
- ii) Tsukada et al. Am J Pathol 126: 51, 1987.
- iii) Porter et al. Mod Pathol 4: 46, 1991.