

Monoclonal Mouse Antibody to Human Muscle Actin

Catalog No.:	PDM 002
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
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 and acetone fixed cryostat tissue sections. No further titration is required.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed, paraffin embedded tissue sections.</u>
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 a 42 kD protein extract from skeletal muscle but not from the epithelial cell line.
Positive Control:	Skeletal muscle
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Gown 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.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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