

## Monoclonal Mouse Antibody to Alpha-Sarcomeric Actin

<b>Catalog No.:</b>	PDM 099
<b>Intended Use:</b>	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.
<b>Immunogen:</b>	BALB/C mice were injected with purified rabbit striated muscle actin.
<b>Clone:</b>	5C5
<b>Isotype:</b>	IgM
<b>Format:</b>	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.
<b>Staining Protocol:</b>	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>
<b>Specificity:</b>	Monoclonal anti-alpha-sarcomeric Actin has been used as a marker for rhabdomyosarcoma. This antibody is specific to alpha-skeletal and alpha-cardiac muscle actins. It cross reacts with human, sheep, bovine, rabbit, guinea pig, rat, frog, snake, and carp. It does not react with smooth muscle tissue.
<b>Positive Control:</b>	Skeletal muscle
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Babai et al. Virchow Arch 55: 263, 1988. ii) Schurch et al. Amer J Pathol 128:91, 1987. iii) Skalli et al. Am Amer J Pathol 130: 515, 1988.

### 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

**DBS**

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