
Monoclonal Mouse Antibody to Alpha-Sarcomeric Actin

Catalog No.:	Mob 128, Mob 128-05
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 purified rabbit striated muscle actin.
Clone:	5C5
Isotype:	IgM
Format:	This antibody is supplied as diluted ascites containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
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:	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.
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) 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.