

**DM235****Monoclonal Antibody to Actin (pan alpha) - Ascites**

<b>Quantity:</b>	1 ml
<b>Concentration:</b>	0.125 mg/ml
<b>Host:</b>	Mouse
<b>Clone:</b>	1A4 & 5C5
<b>Immunogen:</b>	BALB/C mice were injected with N-terminal decapeptide of alpha-smooth muscle actin for 1A4 and with purified rabbit striated muscle actin for 5C5.
<b>Format:</b>	<b>State:</b> Ascites <b>Buffer System:</b> containing sodium azide as preservative.
<b>Applications:</b>	Immunohistochemistry on formalin-fixed paraffin embedded sections: diluted of 1:25-1:50 in an ABC method (30 minutes at room temperature) Recommended Positive Control: Skeletal muscle Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This pan actin is useful in identifying tumors arising from muscle cells, i.e. leiomyosarcoma as well as rhabdomyosarcoma. Cellular Localization: Cytoplasmic <b>Species:</b> Human, Sheep, Bovine, Rabbit, Pig, Rat, Frog, Snake, Carp. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Babai et al. Virchow Arch 55: 263, 1988. 2. Schurch et al. Amer J Pathol 128:91, 1987. 3. Skalli et al. Am Amer J Pathol 130: 515, 1988.