

Monoclonal Mouse Antibody to Chicken Tubulin-beta

Catalog No.:	Mob 287, Mob 287-05
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 immunized with native chick brain microtubules.
Clone:	DM1B
Isotype:	IgG1, kappa
Format:	This antibody is supplied as purified immunoglobulin fraction 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:	This antibody is specific to a 54 kD protein identified as tubulin-beta. This antibody does not cross react with tubulin-alpha. Its epitope maps between amino acids 426-450.
Positive Control:	Lung
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
References:	i) Berry et al. Biochem Biophys Acta 1012: 45, 1989. ii) Blose et al. J Cell Biol 98: 847, 1984.. iii) Roychowdhury et al. Biochemistry 32: 4955, 1993.

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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