

Monoclonal Mouse Antibody to Synaptophysin

Catalog No.:	Mob 399, Mob 399-05
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 a synthetic peptide encoding a region near the c-terminal end of the synaptophysin protein.
Clone:	SYP02
Isotype:	IgG1
Format:	This antibody is supplied as tissue culture supernatant 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>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody is specific to 38 kD protein. Synaptophysin is a glycoprotein occurring in presynaptic vesicles of neurons in the brain, spinal cord, retina, vesicles of adrenal medulla, and neuromuscular junctions. This antibody reacts with neuroendocrine neoplasms of neural as well as epithelial types.
Positive Control:	Pancreas
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Blumenfiel et al. Arch Pathol Lab Medicine 120: 478, 1996. ii) Dottorini et al. Cancer 77: 1556, 1996.

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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