

Monoclonal Mouse Antibody to Caspase 6 (Mch 2)

Catalog No.:	Mob 371, Mob 371-05
Applications:	Research Use Only. Optimal working conditions must be determined by the end user.
Immunogen:	BALB/C mice were immunized with recombinant human Caspase 6 prodomain.
Clone:	6CSP03
Isotype:	IgG1, Kappa
Format:	This antibody is supplied as purified ascites containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. Depending on the staining conditions employed, the final dilution should be determined by the user.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Depending upon the fixation conditions and staining system employed, optimal incubation should be determined by the user. <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 reacts with a 34 kD protein known as Caspase 6. Caspases play a major role in the transduction of the apoptotic signal and execution of apoptosis in mammalian cells. Caspase 3 (CPP32) and Caspase 6 (Mch2) are the major active caspases in apoptotic cells and are activated in response to distinct apoptosis-inducing stimuli. Caspase 6 cleaves nuclear mitotic apparatus protein and mediates the shrinkage and fragmentation of nuclei.
Positive Control:	Tonsil
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	Fernandes-Alnemri et al. Cancer Res 55: 2737, 1995.

RUO: Research Use Only

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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