

Monoclonal Mouse Antibody to Bax (Apoptosis Marker)

Catalog No.:	PDM 103
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 amino acids 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein.
Clone:	2D2
Isotype:	IgG1
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
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.. <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 recognizes a 211 kD protein identified as bax protein. It is highly specific to bax and does not cross react with bcl-2 alpha or bcl-X protein. This antibody does not cross react with mouse and rat.
Positive Control:	Lymphoma
Cellular Localization:	Cell membrane, cytoplasm
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Hsu et al. J Biol. Sci. 272: 13829, 1997. ii) Hsu et al. Proc Natl Acad Sci. USA 94: 3668, 1997. iii) Wolter et al. J Cell Biol. 139: 1281, 1997.

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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