

Monoclonal Mouse Antibody to bcl-X (Apoptosis Marker)

Catalog No.:	Mob 248, Mob 248-05
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 of amino acid 3-14 (Cys-QSNRELVDFLS) of human bcl-X protein.
Clone:	2H12
Isotype:	IgG2a
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 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 recognizes a 27 kD protein identified as bcl-XL protein. It is highly specific to bcl-X and does not show cross reactivity with bcl-2 alpha or bax protein. This antibody cross reacts with human, mouse, rat, and pig.
Positive Control:	Hodgkin's lymphoma
Cellular Localization:	Cytoplasmic and cell membrane
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

DBS

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: www.dbiosys.com e-mail: customersupport@dbiosys.com