

Monoclonal Mouse Antibody to Bcl-10

Catalog No.:	Mob 442, Mob 442-05
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:	Human recombinant Bcl-10
Clone:	151
Isotype:	IgG1
Format:	This antibody is supplied as purified immunoglobulin by protein G chromatography containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:100 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>High temperature treatment of formalin-fixed tissue sections with 10mM citrate buffer, pH 6.0 must be performed prior to the immunostaining.</u>
Specificity:	Monoclonal Anti-Bcl-10 reacts specifically with human Bcl-10. The epitope recognized by the antibody resides within amino acids 122-168 of human Bcl-10 molecule. Bcl-10, also designated as CIPER, mE10, cE10, CARMEN, and CLAP, is an N-terminal CARD (Caspase Recruitment Domain) containing protein. It is a cellular homologue of the equine herpesvirus-2 protein E-10 (vCLAP). Bcl-10 was implicated in the regulation of apoptosis by interacting with caspase 9, enhancing procaspase 9 processing, and triggering its activation when overexpressed in the cell. Bcl-10 cellular overexpression induces JNK, p38, and NF- κ B activation. Deregulation of Bcl-10 expression is also demonstrated to be involved in cellular oncogenesis.
Positive Control:	Tonsil
Cellular Localization:	Nuclear
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Ye et al. Am J Pathol 157: 1147, 2000. ii) Du et al. Blood 95: 3885, 2000. iii) Willis et al. Cell 96: 35, 1999. iv) Srinivasula et al. J Biol Chem 274: 17946, 1999.

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

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