

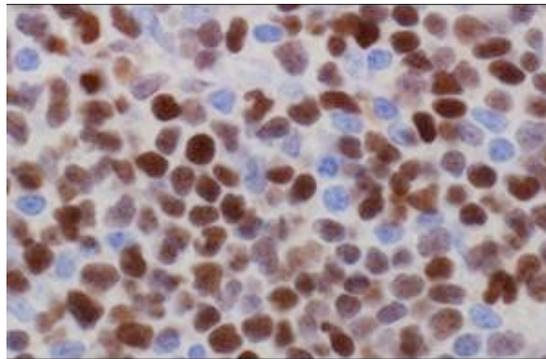
SOX-11 (Clone ZM50, as known as MRQ-58) Mouse Monoclonal Antibody

Specificity:	Human. Others-not tested
Immunogen:	Synthesized peptide from human SOX-11 protein
Ig Class:	IgG1
Storage:	Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:25-100; *Positive Control:* Mantle cell lymphoma. *Cellular Localization:* Nuclear. *Intended Use:* In vitro diagnosis (IVD).

Description: Mantle cell lymphoma (MCL) accounts for 5% to 10% of mature B-cell neoplasms and is characterized by overexpression of cyclin D1 (bcl-1) protein due to the specific translocation $t(11;14)(q13;q32)$. However, approximately 5%-10% of MCLs lack cyclin D1 expression and may be misdiagnosed by overreliance on cyclin D1 IHC. Recent studies showed that the strong nuclear expression SOX-11 was found in almost all cyclin D1-positive MCL (93%-100%) and cyclin D1-negative MCL (~100%). The nuclear expression of SOX-11 is highly associated with both cyclin D1-positive and negative MCL. SOX-11 IHC is of value in further defining pathologic features of CD5+ DLBCL. Routine use of anti-SOX-11 in cases of suspected CD5+ DLBCL might help identify additional cases of cyclin D1-negative blastoid MCL. SOX-11 can also be detected in some BL, LBL and T-PLL, although the different morphological and phenotypic features of these malignancies allow easy recognition of the cases of cyclin D1-negative MCL.

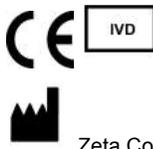
Supplied As: Purified antibody fraction from rabbit anti-serum with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human mantle cell lymphoma stained with anti-SOX-11 antibody using peroxidase-conjugate and DAB chromogen. Note the variable nuclear staining of lymphoma cells

Cat. #Z2243 (1.0 ml)

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