
LMO2 (Clone SP51)

Rabbit Monoclonal Antibody

Specificity: Human. Others not tested

Immunogen: A synthetic peptide corresponding to near N-terminus of human LMO2 protein

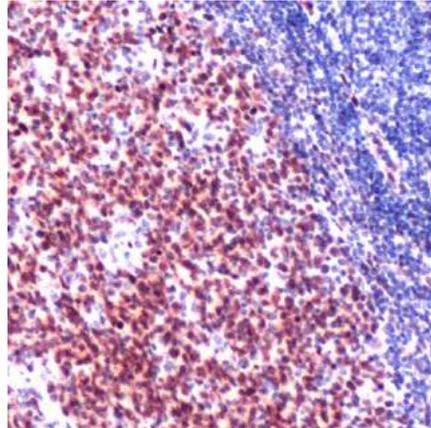
Ig Class: Rabbit IgG

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:* 1:50; *Positive Control:* Normal lymph node. *Cellular Localization:* Nuclear. *Intended Use:* In Vitro Diagnosis (IVD).

Description: LMO2 is expressed in normal germinal center B-cells and in a subset of lymphomas derived from those cells in addition to bone marrow hematopoietic precursors and endothelial cells. LMO2 protein expression has also been shown to play an important role in the diagnosis of diffuse large B-cell lymphomas, regardless of rituximab treatment. It also plays a role in angiogenesis and hematopoiesis. It is weakly expressed in mantle zone B-cells but not in mantle cell or marginal zone lymphomas. It has been demonstrated that LMO2 is expressed in 70% of follicular lymphomas. These data suggest that anti-LMO2 is a useful adjunct in the diagnosis of follicular lymphoma (FL). As LMO2 appears not to be down regulated in higher grade FL or the interfollicular and diffuse components of FL, its utility in variant immunoarchitectural patterns of FL and in cases that lack CD10 and bcl2, is similar to that of HGAL.

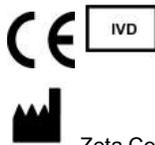
Supplied As: Purified antibody with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human lymph node stained with anti-LMO2 antibody using peroxidase-conjugate and AEC chromogen. Note nuclear staining of germinal center cells

Cat #: Z2195 (1.0 ml)

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