

BCL-2 (Clone 124)

Mouse Monoclonal Antibody

Specificity: Human. Does not react with mouse and rat. Others-not known

Immunogen: A synthetic peptide, aa 41-54 (GAAPAGIFSSQPG-Cys) of human bcl-2 protein

Ig Class: IgG₁/κ

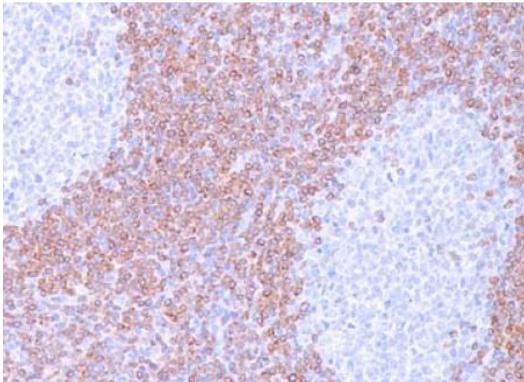
Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

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 IgG detection system. *Working dilution:* 1:100-200; *Positive Control:* Tonsil or lymph node. *Cellular Localization:* Cytoplasmic.

Description: Expression of bcl-2α oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of Bcl-2α protein, whereas the normal or hyperplastic germinal centers are negative.

Intended Use: This antibody is intended for in vitro diagnostic (IVD) use. BCL-2 (clone 124) mouse monoclonal primary antibody is intended for laboratory use in the detection of BCL-2 in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

Supplied As: Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.



References:

1. Gaulard P, et al. *Am J Pathol.* 1992; 140:1089-95
2. Wang T, et al. *APMIS.* 1995; 103:655-62.
3. West RB, et al. *Am J Clin Pathol.* 2002; 117:636-43

Formalin-fixed, paraffin-embedded human reactive lymph node stained with anti-bcl-2 antibody using peroxidase-conjugate and DAB chromogen. Note cytoplasmic and membrane staining of mantle B-cells and perifollicular T-cells and no staining of reactive B-cells in the germinal centers

REF Z2022 (1.0 ml) (Concentrate)