

BCL-2alpha Ab-1

Catalog # MS-123-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # MS-123-R7 (7.0ml)

Catalog # MS-123-PCS

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** Expression of Bcl-2alpha oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of Bcl-2alpha protein, whereas the normal or hyperplastic germinal centers are negative.
- **Expected Staining Pattern:** Cytoplasm
- **Positive Control:** Raji Cells. Tonsil or follicular lymphomas.

MATERIALS PROVIDED:

BCL-2alpha Ab-1 (refer to catalog number):

- #MS-123-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
- or
- #MS-123-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
- or
- #MS-123-PCS: 5 positive control slides.
- **Antibody Concentration:** 200ug/ml
- **Host:** Mouse
- **Mol. Wt. of Antigen:** 25-26kDa
- **Epitope:** aa 41-54
- **Species Reactivity:** Human. Does not react with mouse and rat. Others-not known.
- **Clone Designation:** 100/D5
- **Ig Isotype / Light Chain:** IgG1 / kappa
- **Immunogen:** A synthetic peptide, aa 41-54 (GAAPAPGIFSSQPG-Cys) of human Bcl-2 protein.
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:50-1:100 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min.
Primary Antibody Incubation Time	30 minutes at Room Temperature
Visualization	To detect antibody, use a high-sensitivity detection system such as UltraVision LP (Cat# TL-015) and follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

REFERENCES:

- 1) Pezzella F et. al. Am J Path, 1990, 137::225-32.