



Monoclonal Antibodies to **Bcl-10**

Technical Data Sheet

Reagent Category

Monoclonal primary antibody to Bcl-10

Antibody Formats Supplied

0.2 ml of anti Bcl-10, Concentrate

PRODUCT# IMI11252E (Concentrate)

SOURCE: Mouse ascites fluid

IMMUNOGLOBULIN ISOTYPE: IgG

CLONE: DAA22

REACTIVITY

Bcl-10 is an apoptosis regularly oncoprotein, wild type Bcl-10 oncoprotein promotes apoptosis while mutated type of Bcl-10 oncoprotein are found to be involved with many forms of cancer such as MALT lymphomas, a subset of Non-Hodgkin lymphomas. In normal tissues, Bcl-10 is mainly expressed on lymphoid and breast tissues. This antibody is suitable for staining routinely fixed paraffin embedded or frozen sections. This antibody is compatible with formalin and other most commonly used histological fixatives.

POSITIVE CONTROL TISSUE: Breast/ lymphomas

Antibody FORMAT, DILUTION and INCUBATION

This affinity-purified monoclonal antibody is provided in phosphate buffered saline pH 7.2 containing bovine serum albumin (BSA) and 0.05% sodium azide.

0.2 ml of concentrate, for paraffin section staining: Dilute 1:30-1:40 for 30-minute to 1 hour incubation. The dilution factors are considerably higher for 1 hour to over-night incubation. The dilution factor for frozen section staining and other applications are also considerably higher and it must be determined by the end user for the application and the secondary staining reagents employed. THE SUGGESTED STARTING DILUTION FACTORS ARE MERE GUIDELINES ONLY. OPTIMAL DILUTION FACTORS MUST BE DETERMINED BY THE END USER FOR THE SECONDARY STAINING REAGENTS, SPECIMEN, STAINING PROTOCOL AND APPLICATION EMPLOYED.

The above dilutions and incubation times were derived by the use of Innovex STAT-Q detection systems. For less sensitive detection systems these dilution factors may vary and they should be determined by the end user for specific detection system employed

SPECIAL USAGE GUIDANCE

The use of Innovex-Enhancing Wash buffers (Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Immuno-Alkaline-phosphatase) in place of PBS or Tris buffer for the rinsing steps in between the incubation steps is highly recommended. The use of Innovex-Enhancing Wash Buffers greatly enhances

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staining signals for antigenically weak tissues or for overfixed tissues. **Its use further eliminates the need for enzyme Pre-digestion, heat application (retrieval procedure), long incubation of primaries and**

repetitive procedures. If using heat to recover antigens, tissue recovery solution (Innovex Product #NB304), is recommended for its pH remains unchanged by increase in temperature and as a result no damage to morphology occurs.

APPLICATIONS

This antibody is intended for use in immunolocalization of Bcl-10 in human or animal tissue by a variety of immunoassays such as Immunochemistry, fluorescent labeling, ELISA, Immunoblotting and dot blotting. In immunochemistry, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections for the purpose of qualitative localization of Bcl-10 proteins. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

SPECIES REACTIVITY

This antibody reactivity with human has been substantiated; other species reactivity may be characterized by the end user.

STORAGE CONDITIONS

Store in refrigerator at 2-8°C through expiration date noted on the vial.

IMPORTANT NOTE:

The interpretation of test results is the sole responsibility of the end user.

FOR IN VITRO RESEARCH USE ONLY