



Monoclonal Antibody to **Bcl-6**

Technical Data Sheet

Reagent Category

Monoclonal primary antibody to
Bcl-6

Antibody Formats Supplied

0.2 ml of anti Bcl-6, Concentrate

PRODUCT# IMI11552E (Concentrate)

IMMUNOGEN: Human bcl-6

IMMUNOGLOBULIN ISOTYPE: Mouse 1gG1

Clone: P1F6

POSITIVE CONTROL TISSUE: lymph node, appendix

REACTIVITY

Bcl-6 is a proto-oncogene that is mainly expressed in normal germinal centers B cells and associated lymphomas. The bcl-6 protein is used in differentiating proliferation centers in B-CLL and in differentiating of normal germinal center of B cells. Bcl-6 has been shown to be involved in chromosome rearrangements in non-Hodgkin's lymphomas. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections. Heat retrieval procedure may be required when staining this antibody on paraffin sections. This Bcl-6 antibody is compatible with formalin fixative as well as most commonly used histological fixatives.

Antibody FORMAT, DILUTION and INCUBATION

Affinity purified monoclonal anti Bcl-6 antibody is provided in phosphate buffered saline pH 7.4 containing bovine serum albumin (BSA) and 0.1% sodium azide.

Heat retrieval is required for this antibody.

0.2 ml of concentrate; For 2 hour to overnight incubation dilute 1:20-1:30 for longer incubation time the working titer must be determined by the end user. Heat retrieval is required when staining this antibody on paraffin sections. **This antibody best stains when formalin fixed paraffin embedded sections are retrieved.**

For Background-Free and easy retrieval, Innovex Uni-Trieve (60°-70°C) universal retrieval solution is highly recommended. To retrieve with Uni-Trieve: Warm up water bath to 60°-70°C and fill a slide holding container with Uni-Trieve solution. Place slides in a slide rack and immerse slides in a vessel or a coplin jar containing Uni-Trieve solution, bring the Uni-Trieve solution and slides to 60°-70°C and let slides incubate at 60°-70°C for 30 minutes. Rinse slides with 2 quick changes of water; No cooling period is required. Proceed with immunostaining.

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.

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APPLICATIONS

This antibody is intended for use in immunolocalization of Bcl-6 proteins by a variety of immunoassays such as Immunocytochemistry, fluorescent labeling, ELISA, Immunoblotting and dot blotting. In immunocytochemistry, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections of human or animal tissues for the purpose of qualitative or quantitative localization of Bcl-6 antigens. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

SPECIES REACTIVITY

This antibody reactivity with human mouse and rat tissues 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.

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