

## **bcl-6 Ab-1 (Clone P1F6)**

### Mouse Monoclonal Antibody

Cat. #MS-579-S0, -S1 or -S (0.1ml, 0.5ml, or 1.0ml Supernatant)

Cat. #MS-579-R7 (7.0ml) (Ready-to-Use for Immunohistochemical Staining)

Cat. #MS-579-PCS (5 Slides) (Positive Control for Histology)

**Description:** Bcl-6 proto-oncogene product (a Kruppel-type zinc-finger protein) is mainly expressed in normal germinal center B cells and related lymphomas. Bcl-6 is involved in chromosome rearrangements at 3q27 in non-Hodgkin's lymphomas and Bcl-6 rearrangements have been detected in 33%-45% of diffuse large B cell lymphomas. Bcl-6 has been detected immunohistochemically in follicular lymphomas, diffuse large B cell lymphomas, Burkitt's lymphomas and in nodular, lymphocyte predominant Hodgkin's disease.

**Epitope:** N-terminal

**Species Reactivity:** Human. Others-not tested

**Clone Designation:** P1F6

**Ig Isotype:** IgG<sub>1</sub>

### **Immunogen:**

Prokaryotic recombinant protein corresponding to the N-terminus of the Bcl-6 protein

### **Applications and Suggested Dilutions:**

- Immunohistology (Formalin/paraffin)  
(Use Ab at 1:20-1:40 for 60 min at RT with high-sensitivity detection system such as UltraVision LP (Cat# TL-015))

\* (Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 1mM EDTA, pH 8.0 (**NEOMARKERS'** Cat. #AP-9004), for 10-20 min followed by cooling at RT for 20 min.)

The optimal dilution for a specific application should be determined by the investigator.

**Positive Control:** Tonsil

**Cellular Localization:** Nuclear

### **Supplied As:**

Tissue culture supernatant with 0.09% sodium azide,  
or

Prediluted antibody which is ready-to-use for staining of formalin-fixed, paraffin-embedded tissues.

### **Storage and Stability:**

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

### **Key References:**

1. Flenghi L, et al. (1996) Am J Pathol 148: 1543-55

### **Limitations and Warranty:**

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. NeoMarkers is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

### **Material Safety Data:**

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

### **For Research Use Only**

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