

## Bcl-6 clone MX042

Mouse Monoclonal Antibody

### Instruction for Use

**Specification:**

The Bcl-6 protein (B-cell CLL/lymphoma 6, zinc finger protein 51) is a nuclear zinc finger transcription factor with an N-terminal POZ domain. Bcl-6 functions as a transcriptional repressor and is necessary for germinal centre formation. The Bcl-6 protein acts as a sequence-specific repressor of transcription, and has been shown to modulate the transcription of START-dependent IL-4 response of B-cells. Mutations of the Bcl-6 gene have been found in normal germinal centre B-cells, and even though it is not clear what role they play in lymphomagenesis, it appears that they may disrupt its negative autoregulation and in this manner promote lymphoma growth.

**Availability:**

Catalog No.	Contents	Volume
ILM0746-C01	BCL-6	0,1 ml concentrate
ILM0746-C05	BCL-6	0,5 ml concentrate
ILM0746-C1	BCL-6	1,0 ml concentrate

**Intended use:** For Research Use Only

**Reactivity:** Human, others not known

**Clone:** MX042

**Species of origin:** Mouse

**Isotype:** IgG

**Control Tissue:** Tonsil

**Staining:** membranous

**Presentation:** 1ml BCL-6 tissue culture supernatant contains 15mM Azide

**Application and suggested dilutions:**

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:100)

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

**Note:** Dilution of the antibody in 10% normal goat serum followed by a Goat anti-Mouse secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

**Reference:**

- 1) Dwivedi A, Mehta A, Solanki P. Evaluation of immunohistochemical subtypes in diffuse large B-cell lymphoma and its impact on survival. Indian J Pathol Microbiol. 2015 Oct-Dec; 58(4):453-8
- 2) Huang C, Melnick A. Mechanisms of action of BCL6 during germinal center B cell development. Sci China Life Sci. 2015 Dec;58(12):1226-32