

# BCL-6 (Clone ZM22)

## Monospecific Mouse Monoclonal Antibody

**Specificity:** Human. Others-not tested

**Immunogen:** Recombinant human bcl-6 protein fragment (aa256-389) (exact sequence is proprietary)

**Ig Class:** IgG1/κ

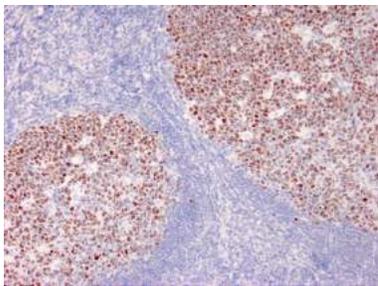
**Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* For formalin-fixed tissues, optimal results are obtained by pretreating tissues with heat-induced epitope retrieval using high pH target retrieval solution. *Detection methods:* Polymer anti-mouse/rabbit IgG detection system. *Working dilution:* 1:100-200; *Positive Control:* Tonsil or diffuse large B-cell lymphoma. *Cellular Localization:* Nuclear.

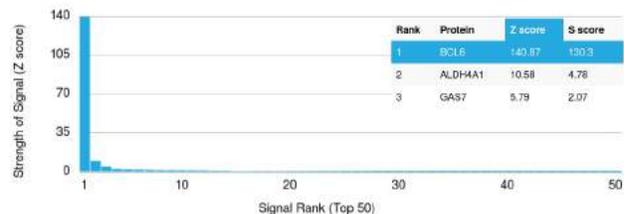
**Description:** Recognizes a protein of 95kDa, which is identified as Bcl-6. Antibody to bcl-6 is helpful in a number of diagnostic settings: (1) In the differential diagnosis of small B-cell lymphoma. Follicular lymphoma will show bcl-6 (and CD10) positivity whereas other small B-cell lymphomas are usually negative. (2) Bcl-6 is an important prognostic marker in diffuse large B-cell lymphomas (DLBCL), where CD10, bcl-6 and MUM1/IRF4 are used to identify germinal center and activated B-cell phenotypes. (3) Bcl-6 can be valuable in distinguishing classical Hodgkin lymphoma from nodular lymphocyte predominant Hodgkin lymphoma (NLPHL). The Reed-Sternberg cells of classical Hodgkin lymphoma are bcl-6 negative whereas the large (“L&H”) cells of NLPHL are bcl-6 positive. In contrast, anti-Bcl-6 rarely stains mantle-cell lymphoma and MALT lymphoma.

**Intended Use:** This antibody is intended for in vitro diagnostic (IVD) use. BCL-6 (clone ZM22) mouse monoclonal primary antibody is intended for laboratory use in the detection of BCL-6 in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient’s relevant clinical history.

**Supplied As:** Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.



Formalin-fixed and paraffin-embedded human reactive lymph node stained with anti-BCL-6 antibody using peroxidase-conjugate and DAB chromogen. Note nuclear staining of follicular center B-cells



**References:**

1. Falini B, et al. *Ann Oncol.* 1997; 2: 101-4.
2. Dogan A, et al. *Am J Surg Pathol.* 2000; 24:846-52.
3. Carbone A, et al. *Hum Pathol.* 2010; 41:621-31.

**REF** Z2343 (1.0 ml) (Concentrate); Z2343B (1mg/1ml)