

BCL-6 clone ZM22
Mouse Monoclonal Antibody

Instructions For Use

Specification:

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.

Availability:

| Catalog No. | Contents | Volume |
|-------------|------------------|--------------------|
| ILM6221-C01 | BCL-6 clone ZM22 | 0,1 ml concentrate |
| ILM6221-C05 | BCL-6 clone ZM22 | 0,5 ml concentrate |
| ILM6221-C1 | BCL-6 clone ZM22 | 1,0 ml concentrate |

Intended use: For Research Use Only

Reactivity: Human, others not known

Clone: ZM22

Species of origin: Mouse

Isotype: IgG1/K

Control tissue: Tonsil or diffuse large B-cell lymphoma

Staining: Nuclear

Presentation: Purified antibody diluted in Tris-HCl buffer containing stabilizing protein and <0.1% sodium Azide.

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

Application and suggested dilutions:

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.

- Paraffin embedded tissue section, dilution up to 1:100-1:200

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.

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.