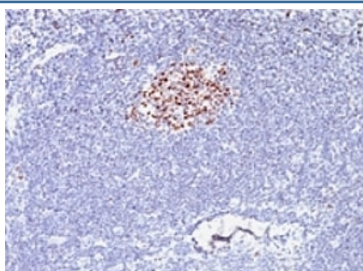


## Anti-Bcl6 Antibody [clone SPM602] (V2840)

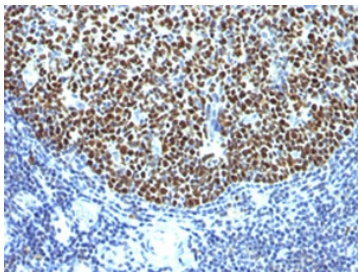
| Catalog No.    | Formulation                                                                                     | Size   |
|----------------|-------------------------------------------------------------------------------------------------|--------|
| V2840-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                      | 100 ug |
| V2840-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                      | 20 ug  |
| V2840SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                                                  | 100 ug |
| V2840IHC-7ML   | Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only* | 7 ml   |

**Bulk quote request**

|                           |                                                                |
|---------------------------|----------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                              |
| <b>Species Reactivity</b> | Human, Mouse                                                   |
| <b>Format</b>             | Purified                                                       |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                      |
| <b>Isotype</b>            | Mouse IgG1, kappa                                              |
| <b>Clone Name</b>         | SPM602                                                         |
| <b>Purity</b>             | Protein G affinity chromatography                              |
| <b>UniProt</b>            | P41182                                                         |
| <b>Localization</b>       | Nuclear                                                        |
| <b>Applications</b>       | Immunohistochemistry (FFPE) : 0.125-0.25ug/ml for 30 min at RT |
| <b>Limitations</b>        | This anti-Bcl6 antibody is available for research use only.    |



IHC testing of formalin-fixed, paraffin-embedded human lymphoma stained with anti-Bcl6 antibody (clone SPM602).



IHC testing of formalin-fixed, paraffin-embedded human tonsil stained with anti-Bcl6 antibody (clone SPM602).

## 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.

## Application Notes

Optimal dilution of the anti-Bcl6 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9, for 10-20 min followed by cooling at RT for 20 min.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Recombinant human protein was used as the immunogen for the anti-Bcl6 antibody.

## Storage

Store the anti-Bcl6 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).