

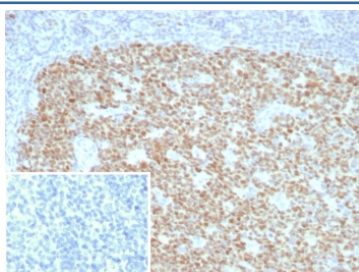
## Bcl-6 Antibody / B-Cell Lymphoma 6 [clone BCL6/8928R] (V5024)

| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V5024-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V5024-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V5024SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

Recombinant **RABBIT MONOCLONAL**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Availability       | 1-3 business days                                       |
| Species Reactivity | Human                                                   |
| Format             | Purified                                                |
| Clonality          | Recombinant Rabbit Monoclonal                           |
| Isotype            | Rabbit IgG, kappa                                       |
| Clone Name         | BCL6/8928R                                              |
| Purity             | Protein A/G affinity                                    |
| UniProt            | P41182                                                  |
| Localization       | Nucleus                                                 |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| Limitations        | This Bcl-6 antibody is available for research use only. |



IHC staining of FFPE human tonsil tissue with BCL-6 antibody (clone BCL6/8928R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### 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 Bcl-6 antibody should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 1-400) from the human protein was used as the immunogen for the Bcl-6 antibody.

## Storage

Aliquot the Bcl-6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.