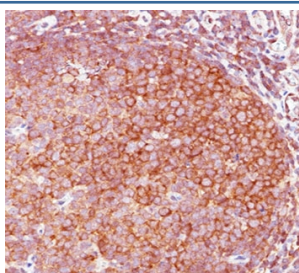


## Bcl10 Antibody [clone BL10/411] (V2305)

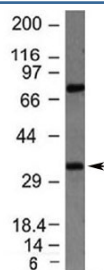
| Catalog No.    | Formulation                                                                                     | Size   |
|----------------|-------------------------------------------------------------------------------------------------|--------|
| V2305-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                      | 100 ug |
| V2305-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                      | 20 ug  |
| V2305SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                                                  | 100 ug |
| V2305IHC-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](#)

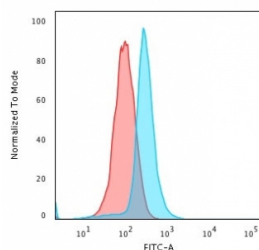
|                           |                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Human                                                                                                                                      |
| <b>Format</b>             | Purified                                                                                                                                   |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                                                                                                  |
| <b>Isotype</b>            | Mouse IgG1, kappa                                                                                                                          |
| <b>Clone Name</b>         | BL10/411                                                                                                                                   |
| <b>Purity</b>             | Protein G affinity chromatography                                                                                                          |
| <b>Buffer</b>             | 1X PBS, pH 7.4                                                                                                                             |
| <b>Gene ID</b>            | 8915                                                                                                                                       |
| <b>Localization</b>       | Nuclear and cytoplasmic                                                                                                                    |
| <b>Applications</b>       | Flow Cytometry : 1-2ug/10 <sup>6</sup> cells<br>Western Blot : 1-2ug/ml<br>Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1) (2) |
| <b>Limitations</b>        | This <b>Bcl10 antibody</b> is available for research use only.                                                                             |



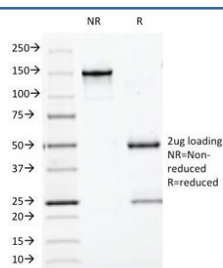
IHC staining of FFPE human tonsil with Bcl10 antibody (clone BL10/411).



Western blot testing of HepG2 lysate with Bcl10 antibody (clone BL10/411). Expected molecular weight: 26~33 kDa.



Flow cytometry testing of PFA-fixed human K562 cells with Bcl10 antibody (clone BL10/411); Red=isotype control, Blue= Bcl10 antibody.



SDS-PAGE analysis of purified, BSA-free Bcl10 antibody (clone BL10/411) as confirmation of integrity and purity.

## Description

Bcl10, with an N-terminal caspase recruitment domain (CARD), is found in a number of apoptotic regulatory molecules. It was identified through its direct involvement in t(1;14) of mucosa-associated lymphoid tissue (MALT) lymphoma. Expression of Bcl10 was shown to induce NFκB activation in a NIK-dependent pathway. This antibody labels subpopulations of normal B and T cells and is a useful tool for the sub-classification of lymphomas. In MALT lymphomas with the t(1;14) translocation, while 55% of MALT lymphomas lacking this translocation exhibited the same labeling pattern, although at a much lower level.

## Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Bcl10 antibody to be titrated up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.
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

Human Bcl10 recombinant protein (epitope localized to amino acids 122-168) was used as the immunogen for this antibody.

## Storage

Store the Bcl10 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

## References (1)