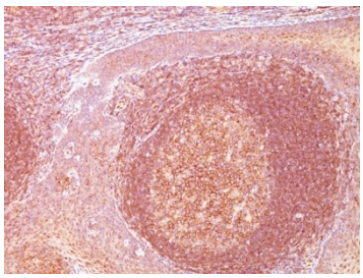
Bcl10 Antibody [clone SPM520] (V9102)

Catalog No.	Formulation	Size
V9102-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V9102-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V9102SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V9102IHC-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

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPM520
Purity	Protein G affinity chromatography
UniProt	O95999
Localization	Nuclear and cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT (1) (2)
Limitations	This Bcl10 antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human tonsil stained with Bcl10 antibody (SPM520).

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 NF-kB activation in a NIK-dependent pathway. This mAb 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 optimal dilution of the Bcl10 antibody for each application should be determined by the researcher.

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

Amino acids 122-168 were used as the immunogen for this Bcl10 antibody.

Storage

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

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