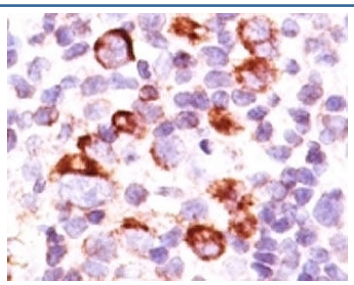
Anti-Bcl-X Antibody [clone SPM165] (V9075)

Catalog No.	Formulation	Size
V9075-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V9075-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V9075SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V9075IHC-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 IgG2a, kappa
Clone Name	SPM165
Purity	Protein G affinity chromatography
UniProt	Q07817
Localization	Cytoplasmic and cell/nuclear membrane
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This anti-Bcl-X antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human Hodgkin's lymphoma stained with anti-Bcl-X antibody (SPM165).

Description

Recognizes a protein of 27kDa, identified as the Bcl-X protein. This mAb shows no cross-reaction with Bcl-2 or Bax protein. Bcl-X has two isoforms, Bcl-XL (long), a 241 amino acid protein which suppresses cell death. And Bcl-XS (short), a 178 amino acid protein lacking a 63 amino acid domain which functions as a dominant inhibitor of Bcl-2. This mAb reacts with both Bcl-XS and Bcl-XL proteins.

Learn more about Bcl-XL function, apoptosis regulation, mitochondrial survival signaling, and BCL2L1 biology on our Bcl-XL Antibody / Anti-Apoptotic Protein Antibody page.

Application Notes

The optimal dilution of the anti-Bcl-X antibody for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, 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 3-14 (QSNRELVVDFLS) from the human protein were used as the immunogen for this anti-Bcl-X antibody.

Storage

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

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