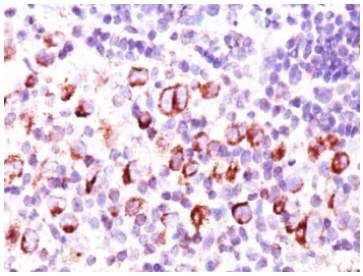
# Bcl-X Antibody Cocktail [clone BX006 + 2H12] (V3122)

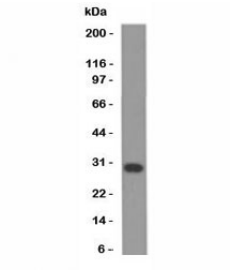
| Catalog No. | Formulation | Size |
|---|---|---|
| V3122-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3122-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V3122SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |
| V3122IHC-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, Mouse, Rat |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2a, kappa |
| **Clone Name** | BX006 + 2H12 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | Q07817 |
| **Localization** | Cytoplasmic and cell/nuclear membrane |
| **Applications** | Western blot: 0.5-1ug/ml<br>Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT |
| **Limitations** | This Bcl-X antibody cocktail is available for research use only. |



IHC: Formalin-paraffin Hodgkin's lymphoma stained with Bcl-x antibody (BX006 + 2H12).




Western blot analysis of Jurkat cell lysate using Bcl-X antibody (BX006 + 2H12).

## Description

Recognizes a protein of 27kDa, identified as the Bcl-X protein. This mAb cocktail 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 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 Bcl-X antibody.

## Storage

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


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