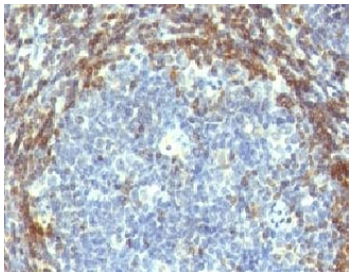
Bcl2 Antibody [clone BCL2/782] (V2833)

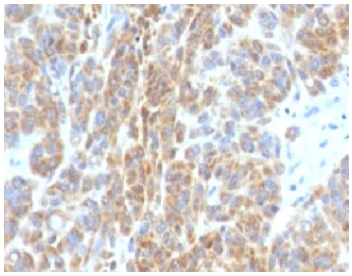
Catalog No.	Formulation	Size
V2833-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2833-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2833SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2833IHC-7ML	Prediluted 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

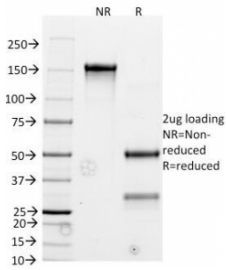
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	BCL2/782
Purity	Protein G affinity chromatography
UniProt	P10415
Localization	Cytoplasmic, membrane
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Bcl2 antibody is available for research use only.



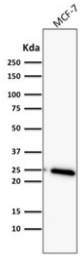
IHC: Formalin-fixed, paraffin-embedded human tonsil stained with Bcl2 antibody (BCL2/782).



IHC: Formalin-fixed, paraffin-embedded human melanoma stained with Bcl2 antibody (BCL2/782).



SDS-PAGE Analysis of Purified, BSA-Free Bcl2 Antibody cocktail (BCL2/782). Confirmation of Integrity and Purity of the Antibody.



Western blot testing of human MCF7 cell lysate with Bcl2 antibody (clone BCL2/782). Routinely observed at 18-22 kDa.

Description

This antibody recognizes a protein of 25-26kDa, identified as the bcl-2 alpha oncoprotein. It shows no cross-reaction with Bcl-x or Bax protein. Expression of bcl-2 alpha oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of bcl-2 alpha protein, whereas the normal or hyperplastic germinal centers are negative. Consequently, this antibody is valuable when distinguishing between reactive and neoplastic follicular proliferation in lymph node biopsies. It may also be used in distinguishing between those follicular lymphomas that express bcl-2 protein and the small number in which the neoplastic cells are bcl-2 negative.

Application Notes

Optimal dilution of the Bcl2 antibody 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 min.
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

Recombinant full-length human protein was used as the immunogen for the Bcl2 antibody.

Storage

Store the Bcl2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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