

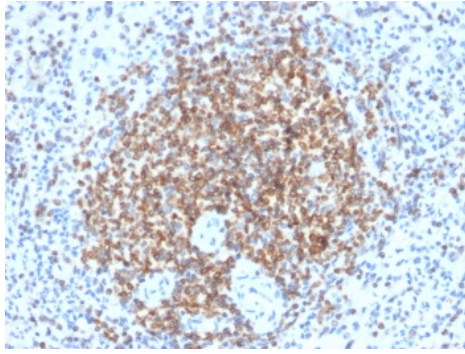
Recombinant Bcl-2 Antibody / Rabbit Monoclonal [clone BCL2/2210R] (V3547)

Catalog No.	Formulation	Size
V3547-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3547-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3547SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3547IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

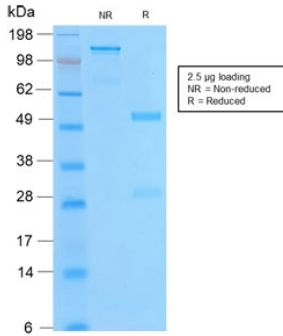
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

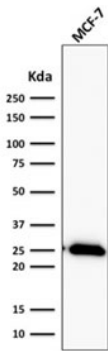
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	BCL2/2210R
Purity	Protein A affinity chromatography
UniProt	P10415
Localization	Cytoplasmic, membrane
Applications	Western blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant Bcl-2 antibody is available for research use only.



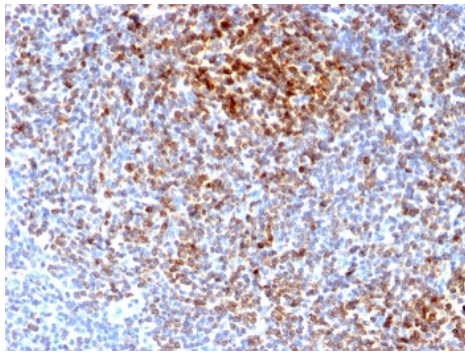
IHC testing of FFPE human spleen tissue with recombinant Bcl-2 antibody (clone BCL2/2210R). HIER: boil tissue sections in 1mM EDTA buffer, pH 8, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free Bcl-2 antibody (clone BCL2/2210R) as confirmation of integrity and purity.

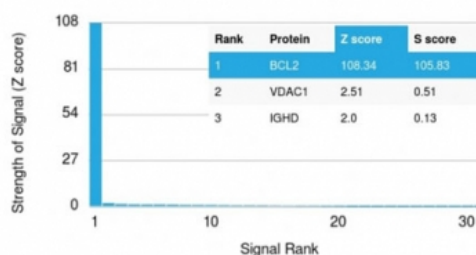


Western blot testing of human MCF7 cell lysate with recombinant Bcl2 antibody (clone BCL2/2210R). Expected molecular weight ~26 kDa.



IHC testing of FFPE human follicular lymphoma with recombinant Bcl-2 antibody (clone BCL2/2210R). HIER: boil tissue sections in 1mM EDTA buffer, pH 8, for 10-20 min followed by cooling at RT for 20 min.

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Bcl-2 antibody (clone BCL2/2210R). These results demonstrate the foremost specificity of the BCL2/2210R mAb.

Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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

The optimal dilution of the recombinant Bcl-2 antibody for each application should be determined by the researcher.

1. 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 this recombinant Bcl-2 antibody.

Storage

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