

Recombinant Bcl-2 Antibody [clone rBCL2/796] (V3543)

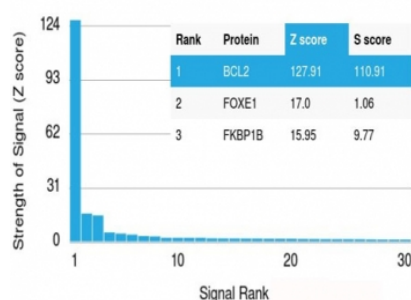
Catalog No.	Formulation	Size
V3543-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3543-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3543SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3543IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

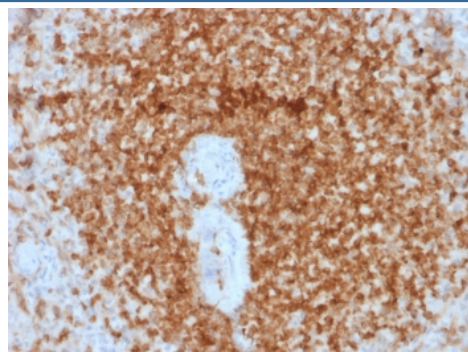
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rBCL2/796
Purity	Protein G affinity chromatography
UniProt	P10415
Localization	Cytoplasmic, membrane
Applications	Flow cytometry : 1-2ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml 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.

Human Protein Microarray Specificity Validation

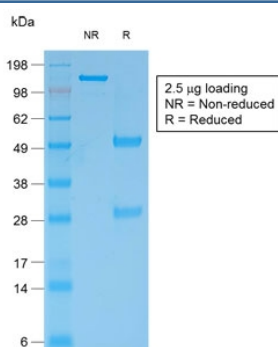


Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using recombinant Bcl-2 antibody (clone rBCL2/796). These results demonstrate the foremost specificity of the rBCL2/796 mAb.

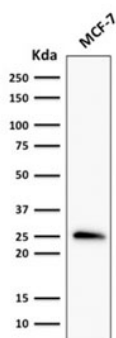
Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value 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.



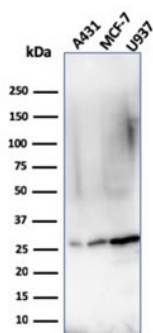
IHC testing of FFPE human spleen tissue with recombinant Bcl-2 antibody (rBCL2/796).
HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 7.5-8.5, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant Bcl-2 antibody (clone rBCL2/796) as confirmation of integrity and purity.



Western blot testing of human MCF7 cell lysate with recombinant Bcl-2 antibody (clone rBCL2/796). Expected molecular weight ~26 kDa.



Western blot testing of human samples with recombinant Bcl-2 antibody (clone rBCL2/796). Expected molecular weight ~26 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.

Application Notes

Optimal dilution of the recombinant Bcl-2 antibody 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 the recombinant Bcl-2 antibody.

Storage

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