

Anti-BLC2 [bcl-2/124] Standard Size Ab01322-1.1

Developed in partnership with Ximbio (www.ximbio.com).

Isotype and Format: Mouse IgG1, Kappa

Clone Number: bcl-2/124

Alternative Name(s) of Target: Apoptosis regulator Bcl-2; AW986256; B-cell CLL/lymphoma 2; Bcl-2; C430015F12Rik; D630044D05Rik; D830018M01Rik; protein phosphatase 1; regulatory subunit 50; bcl-2-124; bcl2/124

UniProt Accession Number of Target Protein: P10415

Published Application(s): IP, WB, IHC

Published Species Reactivity: Human

Immunogen: This antibody was raised against a synthetic peptide of amino acids 41-54 of human bcl-2 oncoprotein.

Specificity: This antibody recognises human BCL-2 which is an antiapoptotic factor in various cell types. Its dysregulation was implicated in different conditions, such as cancers and autoimmune disorders.

Application Notes: This antibody has been used extensively in attempts aimed at characterising various cancer tissues via immunohistochemical staining. One group used bcl-2-124 antibody to label large B-cell lymphoma samples for bcl2 in order to perform its immunophenotypic and genetic depiction (Chang et al., 2016). Another group took advantage of this antibody while analysing the molecular picture of a case of the cystic synovial sarcoma of the pleura where they observed positive immunohistochemical staining in tumor cells (Tajima et al., 2015). Bcl-2 plays an important role as an inhibitor of apoptosis and its identification is often useful while analysing various factors influencing apoptosis. For instance, bcl-2/124 antibody has been successfully utilised in such experiments identifying bcl-2 via Western blot - Gomez-Bougie (2007) probed the influence of bortezomib on HMCL cells and detected bcl-2 signal on Western blots.

Antibody First Published in: Expression of the bcl-2 oncogene protein is not specific for the 14;18 chromosomal translocation. *Am J Pathol.* 1990 Aug;137(2):225-32. [PMID:2201196](#)

Note on publication: This article describes generation and characterisation of the bcl-2/124 antibody.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.