

Product datasheet for **AP11295PU-N**

BCL2 (BH3 Domain) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Immunoprecipitation: 1/100-1/500 Flow Cytometry: 1/100-1/500. Immunofluorescence.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the BH3 domain of human Bcl2.
Specificity:	This antibody is specific to Bcl-2 (BH3 Domain).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	B-cell CLL/lymphoma 2
Database Link:	Entrez Gene 596 Human P10415



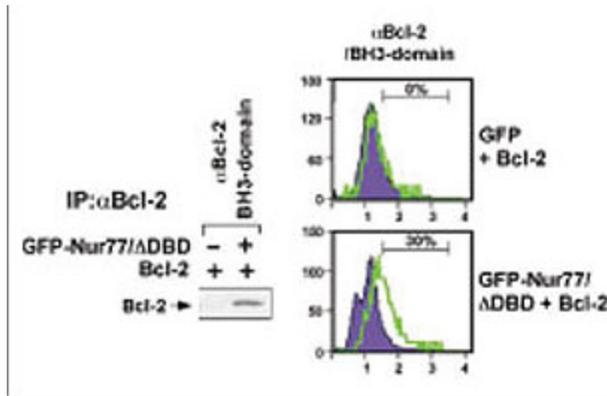
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Background: BCL2 is integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma.

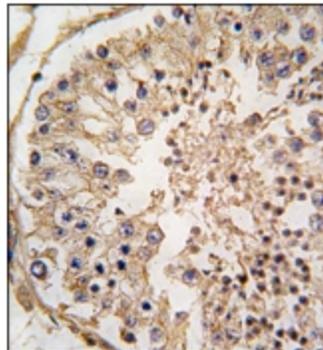
Synonyms: BCL2, Bcl-2 alpha

Note: Calculated MW: 26266 Da

Product images:



Left panel: Analysis of Bcl-2 BH3 domain exposure in HEK293 cells transfected with a plasmid coding for a DNA-binding domain-deleted construct of Nur77 (GFP-Nur77/dDBD) by using antibody for immunoprecipitation (IP) and a different Bcl-2 antibody for western blot. Right panel : Same analysis using in Flow Cytometry. Data courtesy Dr Quan Chen, Chinese Academy of Sciences.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with Bcl-2 BH3 Domain Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.