



Rabbit Anti-Bcl-2 Polyclonal Antibody Datasheet

Product Name: pAb Rabbit anti-Bcl-2	Catalogue No.: AI70003A	Quantity: 0.5 mg/vial
Description: Rabbit anti-B cell lymphoma factor 2 (Bcl-2) polyclonal antibody	Background: Bcl2 is a 25kDa inner mitochondrial membrane protein with anti-apoptotic function. It is believed that Bcl-2 suppresses apoptosis by inhibiting mitochondrial cytochrome C release, blocking caspase cascade and regulating mitochondrial calcium homeostasis. Bcl-2 is identified from the study of B-cell lymphoma. About 90% of follicular lymphoma is caused by Bcl-2 over-expression resulted from the translocation of Bcl-2 gene from chromosome 18 to the immunoglobulin heavy chain enhancer on chromosome 14. Bcl-2 is also involved with other malignancies such as melanoma, breast cancer, prostate cancer and lung cancer.	
Purification: Protein G affinity purified	Applications: ELISA: React with the synthetic Bcl-2 peptide coated on ELISA plate. Other applications have not been evaluated.	
Product Type: Primary antibody	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.	
Target Protein: Bcl-2		
Immunogen: A synthetic peptide (AGRTGYDNREIVMKY) derived from human Bcl-2, conjugated with KLH for immunization		
Specificity: This antibody recognizes the synthetic Bcl-2 peptide.		
Species Reactivity: Human and other species with consensus Bcl-2 sequence (AGRTGYDNREIVMKY)		
Host: Rabbit		
Formulation: Lyophilized in pH 7.4, 0.01M PBS.		
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.		
Storage: Store at -20°C		
Research Area: Life science research, Oncology, apoptosis signalling pathway		

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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