

Product datasheet for **TA306171**

BCL2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	WB: 1-2µg/mL; IHC-P: 2 µg/mL; IF: 10 µg/mL. Antibody validated: Western Blot in human and mouse samples; Immunohistochemistry in human and mouse samples ; Immunofluorescence in human and mouse samples. All other applications and species not yet tested.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Bcl-2 antibody was raised against a peptide corresponding to 15 amino acids near the N-terminus of human Bcl-2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Bcl-2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	B-cell CLL/lymphoma 2
Database Link:	AAH27258 Entrez Gene 596 Human P10415



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Background:

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer (reviewed in 1). Bcl-2 is the founding member of a family of over 20 proteins that are critical regulators of apoptosis (reviewed in 2 and 3). These can be divided into two classes: those that inhibit apoptosis and those that promote cell death. Bcl-2 is an inner mitochondrial membrane protein that inhibits apoptosis (4). It is thought to act by interacting with pro-apoptotic Bcl-2 family members such as Bak and Bad (5 for review). Overexpression of Bcl-2 has been linked to human cancers such as B-cell lymphoma and prostate cancer (4,6).

Synonyms:

Bcl-2; PPP1R50