

**Bcl2 Rabbit mAb**  
Catalog # AP76813**Specification**

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**Bcl2 Rabbit mAb - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P10415</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>26266</b>

**Bcl2 Rabbit mAb - Additional Information**

Gene ID 596

**Other Names**

BCL2

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

**Format**

Liquid

**Bcl2 Rabbit mAb - Protein Information**

Name BCL2

**Function**

Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells (PubMed:<a href="http://www.uniprot.org/citations/1508712" target="\_blank">1508712</a>, PubMed:<a href="http://www.uniprot.org/citations/8183370" target="\_blank">8183370</a>). Regulates cell death by controlling the mitochondrial membrane permeability (PubMed:<a href="http://www.uniprot.org/citations/11368354" target="\_blank">11368354</a>). Appears to function in a feedback loop system with caspases (PubMed:<a href="http://www.uniprot.org/citations/11368354" target="\_blank">11368354</a>). Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1) (PubMed:<a href="http://www.uniprot.org/citations/11368354" target="\_blank">11368354</a>). Also acts as an inhibitor of autophagy: interacts with BECN1 and AMBRA1 during non-starvation conditions and inhibits their autophagy function (PubMed:<a href="http://www.uniprot.org/citations/18570871" target="\_blank">18570871</a>, PubMed:<a href="http://www.uniprot.org/citations/20889974" target="\_blank">20889974</a>, PubMed:<a href="http://www.uniprot.org/citations/21358617" target="\_blank">21358617</a>). May attenuate inflammation by impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed:<a href="http://www.uniprot.org/citations/17418785" target="\_blank">17418785</a>).

### Cellular Location

Mitochondrion outer membrane; Single-pass membrane protein. Nucleus membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:P10417}

### Tissue Location

Expressed in a variety of tissues.

### Bcl2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Bcl2 Rabbit mAb - Images



