

# Bcl-2 Rabbit pAb

Catalog No.: A16776 **11 Publications**

## Basic Information

### Observed MW

24kDa/26kDa

### Calculated MW

26kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes an 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. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

596

### Swiss Prot

P10415

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

Bcl-2; PPP1R50

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

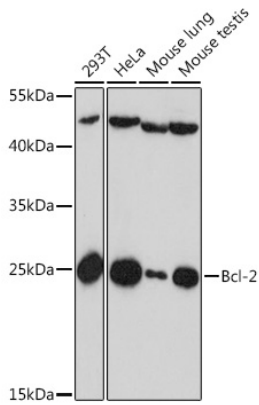
Affinity purification

### Storage

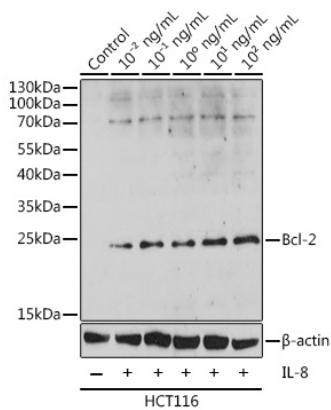
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

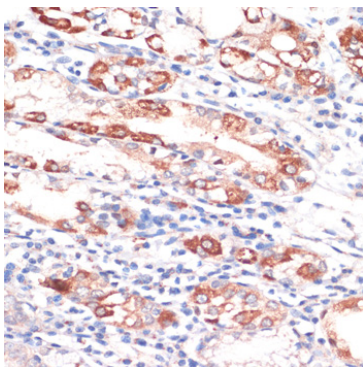
## Validation Data



Western blot analysis of various lysates using Bcl-2 Rabbit pAb (A16776) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 60s.



Western blot analysis of lysates from HCT116 cells, using Bcl-2 Rabbit pAb (A16776) at 1:1000 dilution.  
 HCT116 cells treated with different concentrations of IL-8.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% BSA.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human stomach using Bcl-2 Rabbit pAb (A16776) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.