

# [KD Validated] Bcl-2 Rabbit mAb

Catalog No.: A21873   **Recombinant**   **4 Publications**

## Basic Information

### Observed MW

26kDa

### Calculated MW

26kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IP,ELISA

### Cross-Reactivity

Human

### Clone/No. number

ARC2580

## 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**                    1:1000 - 1:4000

**IHC-P**                1:200 - 1:800

**IP**                    0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**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

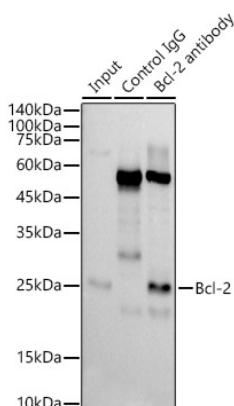
Affinity purification

### Storage

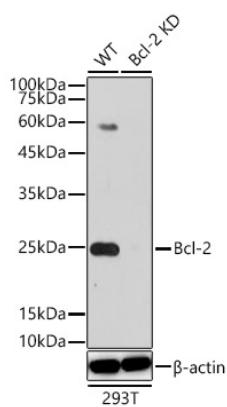
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

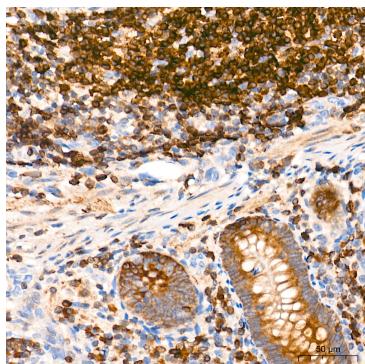
## Validation Data



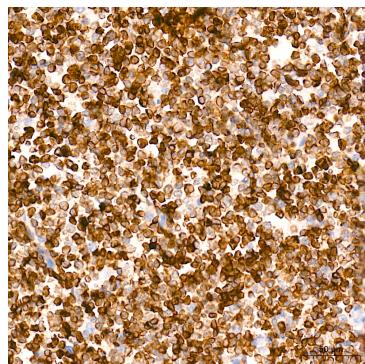
Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg [KD Validated] Bcl-2 Rabbit mAb (A21873). Western blot was performed from the immunoprecipitate using [KD Validated] Bcl-2 Rabbit mAb (A21873) at a dilution of 1:1000.



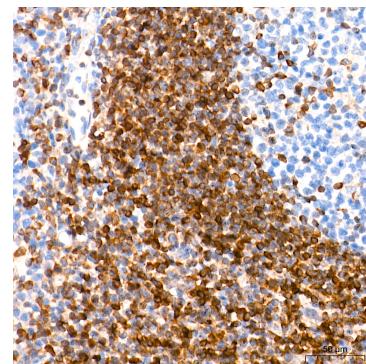
Western blot analysis of lysates from wild type (WT) and Bcl-2 knockdown (KD) 293T cells using [KD Validated] Bcl-2 Rabbit mAb (A21873) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020)  
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human appendix tissue using [KD Validated] Bcl-2 Rabbit mAb (A21873) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human follicular lymphoma tissue using [KD Validated] Bcl-2 Rabbit mAb (A21873) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using [KD Validated] Bcl-2 Rabbit mAb (A21873) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.