

[KD Validated] Bcl-2 Rabbit mAb

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

Basic Information

Observed MW

26 kDa

Calculated MW

26 kDa

Category

Monoclonal Antibodies

Applications

WB, IP, IHC-P, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone 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

IP
0.5µg-4µg antibody for 200µg-600µg extracts of whole cells

IHC-P 1:200 - 1:800

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

Immunogen Information

Gene ID	Swiss Prot
596	P10415

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

Synonyms
Bcl-2; PPP1R50

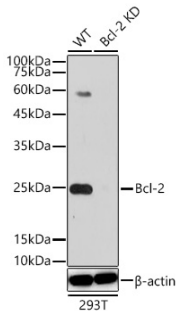
Contact

Product Information

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☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	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



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.

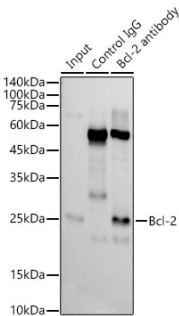
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

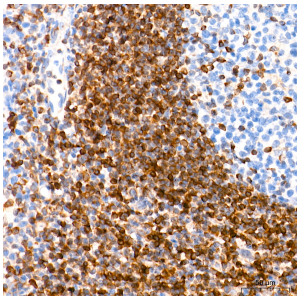
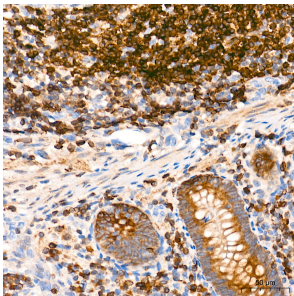
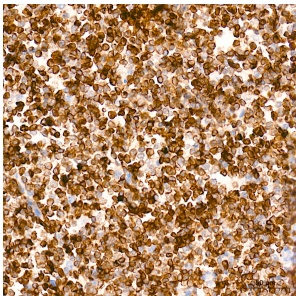
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020)

Exposure time: 30s.



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.



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.

Antibody | Protein | ELISA Kit | Enzyme | NGS | Service

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 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.

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