

Bcl-2 Monoclonal Antibody

CAB19693

Description

This Bcl-2 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB19693
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: Bcl-2, PPP1R50
Clone: ARC0173
Applications: **WB** | **IHC-P** | **IP** | **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Mouse

Antibody Data

Gene ID: 596
Uniprot: AB_2862738
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 26 kDa
Calculated MW: 26 kDa

Preparation & Storage

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.

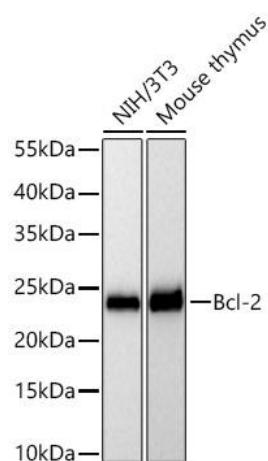
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: RPMI 8226, 293T, NIH/3T3, Mouse thymus

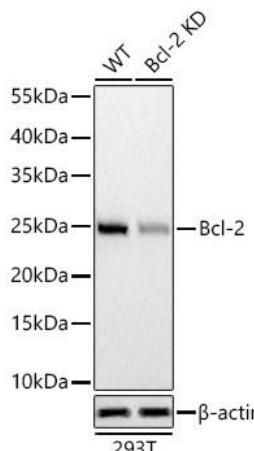
Recommended Dilutions:	WB	1:3000 - 1:15000
	IHC-P	1:1000 - 1:4000
	IP	0.5µg-4µg antibody for 100µg-300µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

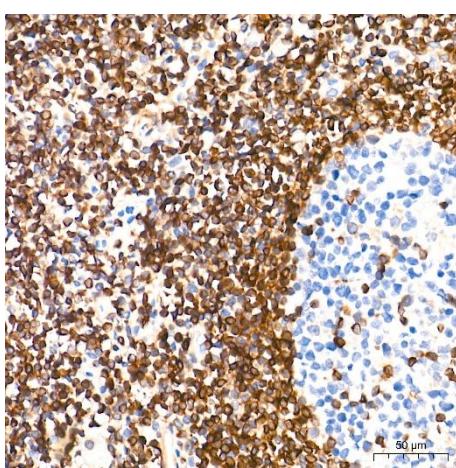
Validation Data



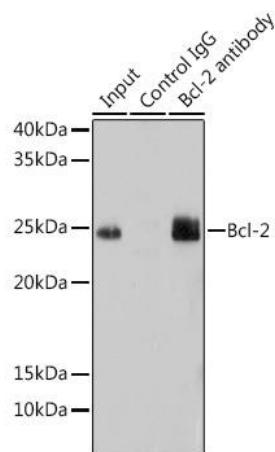
Western blot analysis of various lysates using Bcl-2 Rabbit mAb (CAB19693) at 1:7000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45 s.



Western blot analysis of lysates from wild type (WT) and Bcl-2 knockdown (KD) 293T cells using Bcl-2 Rabbit mAb (CAB19693) at 1:7000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Bcl-2 Rabbit mAb (CAB19693) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation analysis of 200 µg extracts of Mouse lung using 3 µg Bcl-2 Rabbit mAb (CAB19693). Western blot was performed from the immunoprecipitate using Bcl-2 Rabbit mAb (CAB19693) at a dilution of 1:1000.