

# Product Datasheet

## Bcl-2 Antibody (SZ10-03)

### NBP2-67351

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 1/3/2023 v.20.1

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**NBP2-67351**

Bcl-2 Antibody (SZ10-03)

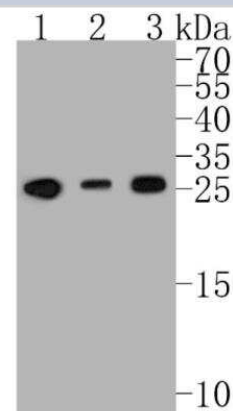
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SZ10-03
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	BCL2
Species	Human
Immunogen	Synthetic peptide within human Bcl-2 aa 40-90. (SwissProt: P10415 Human)

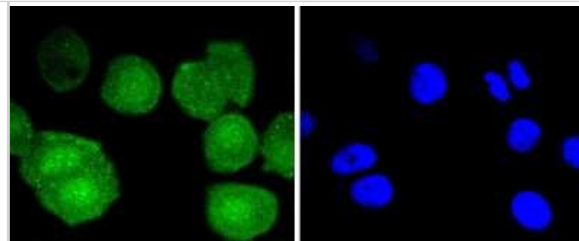
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:500
Application Notes	IP assay-dependent

**Images**

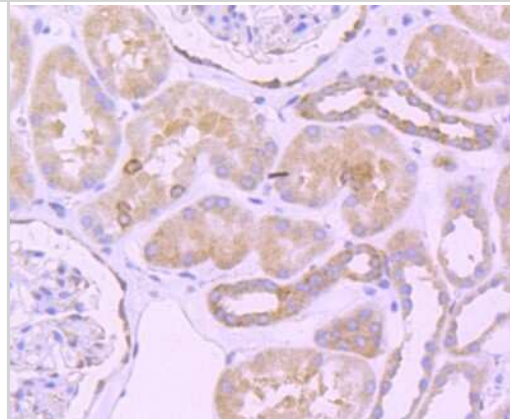
Western Blot: Bcl-2 Antibody (SZ10-03) [NBP2-67351] - Analysis of Bcl-2 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Jurkat cell lysate Lane 2: U937 cell lysate Lane 3: THP-1 cell lysate



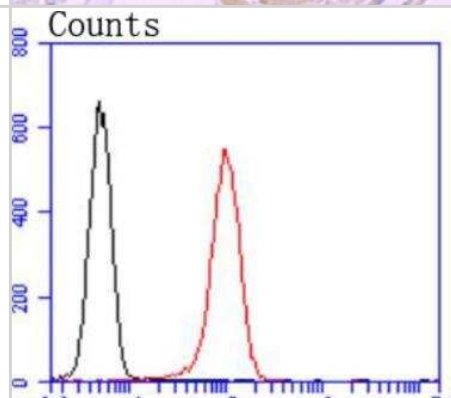
Immunocytochemistry/Immunofluorescence: Bcl-2 Antibody (SZ10-03) [NBP2-67351] - Staining Bcl-2 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



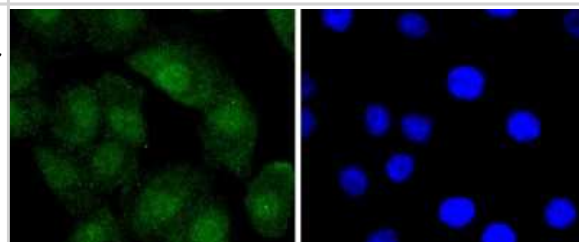
Immunohistochemistry-Paraffin: Bcl-2 Antibody (SZ10-03) [NBP2-67351] - Analysis of paraffin-embedded human kidney tissue using anti-Bcl-2 antibody. Counter stained with hematoxylin.



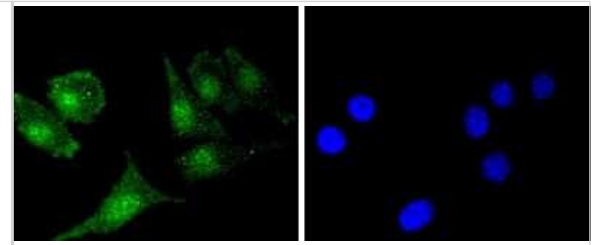
Flow Cytometry: Bcl-2 Antibody (SZ10-03) [NBP2-67351] - Analysis of Bcl-2 was done on Jurkat cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



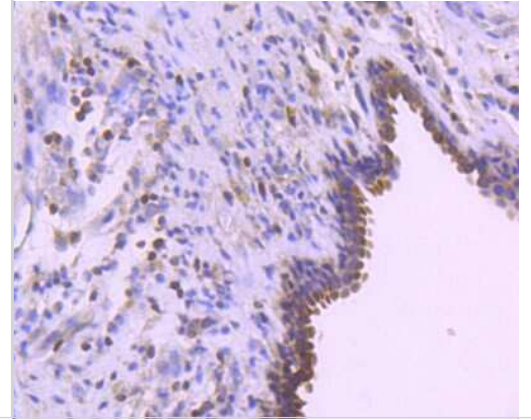
Immunocytochemistry/Immunofluorescence: Bcl-2 Antibody (SZ10-03) [NBP2-67351] - Staining Bcl-2 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Bcl-2 Antibody (SZ10-03) [NBP2-67351] - Staining Bcl-2 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Bcl-2 Antibody (SZ10-03) [NBP2-67351] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Bcl-2 antibody. Counter stained with hematoxylin.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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