

# Product Datasheet

## Bcl-2 Antibody NB100-56100

Unit Size: 0.05 ml

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

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**NB100-56100****Bcl-2 Antibody****Product Information**

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.05 ml                                                                                |
| <b>Concentration</b> | This product is unpurified. The exact concentration of antibody is not quantifiable.   |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>     | Polyclonal                                                                             |
| <b>Preservative</b>  | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>       | IgG                                                                                    |
| <b>Purity</b>        | Unpurified                                                                             |
| <b>Buffer</b>        | Whole antisera                                                                         |

**Product Description**

|                         |                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>             | Rabbit                                                                                                                                                                                                                                                                    |
| <b>Gene ID</b>          | 596                                                                                                                                                                                                                                                                       |
| <b>Gene Symbol</b>      | BCL2                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Mouse, Rat, Canine                                                                                                                                                                                                                                                        |
| <b>Reactivity Notes</b> | Mouse, Canine, Rat reactivity reported in scientific literature (PMID: 15380478).                                                                                                                                                                                         |
| <b>Immunogen</b>        | A synthetic peptide corresponding to amino acids 67-86 (ARTSPLRPLVATAGPALSPV) of mouse and rat Bcl-2 was used as immunogen; GenBank no gb/AAP47159.1. This sequence is 100% conserved in mouse and rat Bcl-2 alpha (236 amino acids) and beta (100 amino acids) isoforms. |

**Product Application Details**

|                              |                                                                                                                               |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation                                        |
| <b>Recommended Dilutions</b> | Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000 |

**Images**

Immunohistochemistry-Paraffin: Bcl-2 Antibody [NB100-56100] - FFPE section from a secondary follicle of the mouse lymph node stained for Bcl-2 expression using NB100-56100 at 1:2000. A, Abundant staining is seen in the mantle zone, and little staining is seen in the germinal center. (A1) is a higher magnification of (A).



## Publications

Krajewska M, Rosenthal RE, Mikolajczyk J et al. Early processing of Bid and caspase-6, -8, -10, -14 in the canine brain during cardiac arrest and resuscitation. *Exp Neurol*. 2004-10-01 [PMID: 15380478] (IHC-P, WB, Rat, Canine, Mouse)

### Details:

Antibodies cited: 1. Caspase-9 (Active/Cleaved), IMG-5705: WB: Fig 1A (recombinant human caspase-9), Fig 4A (recombinant human caspase-9, rat brain), Fig 4B-F (isolated mitochondria from rat liver or heart). Fig 5 (PC12 cells) IHC (P): Fig 2d-k (rat kidney)

Broome HE, Dargan CM, Bessent EF et al. Apoptosis and Bcl-2 expression in cultured murine splenic T cells. *Immunology*. 1995-03-01 [PMID: 7751019]





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### **Products Related to NB100-56100**

|                  |                                                     |
|------------------|-----------------------------------------------------|
| HAF008           | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160           | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891       | Rabbit IgG Isotype Control                          |
| NBP2-34889-100ug | Recombinant Human Bcl-2 Protein                     |

### **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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