

# Product Datasheet

## Bcl-2 Antibody NB100-56099

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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**NB100-56099**

Bcl-2 Antibody

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

Product Description	
Host	Rabbit
Gene ID	596
Gene Symbol	BCL2
Species	Human, Mouse, Rat, Bovine, Canine, Feline
Reactivity Notes	84% sequence identity with mouse and rat proteins. Mouse, Rat reactivity reported in scientific literature (PMID: 15380478).
Immunogen	A synthetic peptide corresponding to amino acids 41-54 (GAAPAPGIFSSQPG) of human Bcl-2 was used as immunogen; GenBank no NP_000648.2. This sequence is 100% conserved in human Bcl-2 alpha (239 amino acids) and beta (205 amino acids) isoforms. This sequence is 100% conserved in dog and cat Bcl-2, 92% conserved in cow Bcl-2 and 84% conserved in mouse and rat Bcl-2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:2000, Immunohistochemistry, Immunoprecipitation 1:50 - 1:200, Immunohistochemistry-Paraffin 1:1000 - 1:5000

**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] (WB, IHC-P, Canine, Mouse, Rat)

## 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)





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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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