

# Bcl-2 antibody [N1N2], N-term

# Cat. No. GTX100064

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Cat, Dog



## PRODUCT

Summary

BCL-2 antibody recognizes BCL-2 protein. BCL-2 (26 kDa) regulates mitochondrial dynamics, is involved in the regulation of mitochondrial fusion and fission, and is associated with apoptosis. Abnormal expression of BCL-2 protein is linked to various cancers, autoimmunity, and psychiatric disorders. This BCL-2 antibody is a widely published rabbit polyclonal validated for multiple applications.

# **Applications**

## **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution	
WB	1:500-1:3000	
ICC/IF	1:100-1:1000	
IHC-P	1:100-1:1000	
Not tested in other applications.		

Calculated MW	26 kDa. ( Note )
Product Note	We do not recommend use of this product for Zebrafish samples.

Properties	
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Bcl-2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.

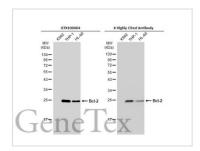


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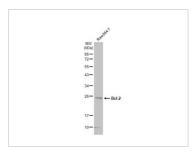
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
Note	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



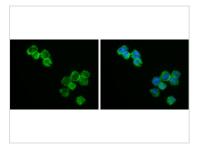
#### GTX100064 WB Image

Various whole cell extracts (30  $\mu$ g) were separated by 12% SDS-PAGE, and the membrane was blotted with Bcl-2 antibody [N1N2], N-term (GTX100064) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX100064 WB Image

Whole cell extract (30  $\mu$ g) was separated by 12% SDS-PAGE, and the membrane was blotted with Bcl-2 antibody [N1N2], N-term (GTX100064) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX100064 ICC/IF Image

Bcl-2 antibody [N1N2], N-term detects Bcl-2 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Bcl-2 stained by Bcl-2 antibody [N1N2], N-term (GTX100064) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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