

Datasheet for ABIN1858118  
**anti-Bcl-2 antibody (AA 2-208) (FITC)**



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1 Image 1 Publication

## Overview

|                      |                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------|
| Quantity:            | 200 µL                                                                                                   |
| Target:              | Bcl-2 (BCL2)                                                                                             |
| Binding Specificity: | AA 2-208                                                                                                 |
| Reactivity:          | Rat                                                                                                      |
| Host:                | Rabbit                                                                                                   |
| Clonality:           | Polyclonal                                                                                               |
| Conjugate:           | This Bcl-2 antibody is conjugated to FITC                                                                |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunocytochemistry (ICC) |

## Product Details

|              |                                                                                                                                                                                                                                                                                        |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:     | FITC-Linked Polyclonal Antibody to B-Cell Leukemia/Lymphoma 2 (Bcl2)                                                                                                                                                                                                                   |
| Immunogen:   | Recombinant Bcl2 expressed in E.coli.<br>The antibody is a rabbit polyclonal antibody raised against Bcl2 conjugated to fitc.                                                                                                                                                          |
| Sequence:    | MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF- AQAGRTGYD NREIVMKYIH<br>YKLSQRGYEW DTGDEDSAPL RAAPTPGIFS FQPESNRTPA VHRDTAARTS PLRPLVANAG<br>PALSPVPPVV HLTLRAGDD FSRRYRRDFA EMSSQLHLTP FTARGRFATV VEELFRDGVN<br>WGRIVAFEF GGVMCVESVN REMSPLVDNI ALWMTEYLNH HLHTWIQDNG GWDAFVELYG<br>PSMRPLFD |
| Isotype:     | IgG                                                                                                                                                                                                                                                                                    |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against Bcl2. It has been selected for its                                                                                                                                                                                         |

## Product Details

ability to recognize Bcl2 in immunohistochemical staining and western blotting.

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target: Bcl-2 (BCL2)

Alternative Name: B-Cell Leukemia/Lymphoma 2 ([BCL2 Products](#))

Background: B-Cell CLL/Lymphoma 2

Pathways: [MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Skeletal Muscle Fiber Development](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

## Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100  
Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of

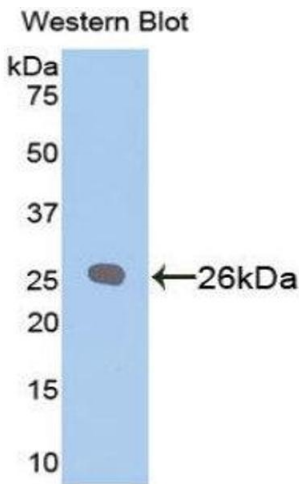
Handling

|                  |                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | potentially explosive deposits in lead or copper plumbing.                                                                                                      |
| Handling Advice: | Avoid repeated freeze/thaw cycles                                                                                                                               |
| Storage:         | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:     | 12 months                                                                                                                                                       |

Publications

|                   |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product cited in: | Chen, Cao, Asare, Lv, Zhu, Li, Wei, Gao, Zhang, Mao, Gao, Fan: "Amelioration of cardiac dysfunction and ventricular remodeling after myocardial infarction by danhong injection are critically contributed by anti-TGF-β-mediated fibrosis and angiogenesis mechanisms." in: <b>Journal of ethnopharmacology</b> , Vol. 194, pp. 559-570, (2016) ( <a href="#">PubMed</a> ). |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Images



Western Blotting

Image 1.