

Datasheet for ABIN6978633

**anti-Bcl-2 antibody (AA 151-239) (AbBy Fluor® 555)**[Go to Product page](#)

## Overview

|                      |                                                      |
|----------------------|------------------------------------------------------|
| Quantity:            | 100 µL                                               |
| Target:              | Bcl-2 (BCL2)                                         |
| Binding Specificity: | AA 151-239                                           |
| Reactivity:          | Human, Rat                                           |
| Host:                | Rabbit                                               |
| Clonality:           | Polyclonal                                           |
| Conjugate:           | This Bcl-2 antibody is conjugated to AbBy Fluor® 555 |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS)         |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Bcl-2 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Human, Rat                                                |
| Predicted Reactivity: | Mouse,Cow,Sheep,Pig                                       |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Target:           | Bcl-2 (BCL2)                                                                    |
| Alternative Name: | Bcl-2 ( <a href="#">BCL2 Products</a> )                                         |
| Background:       | Synonyms: Apoptosis regulator Bcl 2, Apoptosis regulator Bcl2, AW986256, B cell |

## Target Details

CLL/lymphoma 2, B cell leukemia/lymphoma 2, B cell lymphoma 2, Bcl 2, Bcl-2, Bcl2, BCL2 protein, C430015F12Rik, D630044D05Rik, D830018M01Rik, Leukemia/lymphoma, B-cell, 2, Oncogene B-cell leukemia 2, BCL2\_HUMAN.

Background: Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 596                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UniProt:  | <a href="#">P10415</a>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Pathways: | <a href="#">MAPK Signaling</a> , <a href="#">PI3K-Akt Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a> |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | FCM 1:20-100          |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |