

Datasheet for ABIN2810215

**anti-Bcl-2 antibody (AA 51-150) (AbBy Fluor® 594)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                   |
| Target:              | Bcl-2 (BCL2)                                                                                                                                             |
| Binding Specificity: | AA 51-150                                                                                                                                                |
| Reactivity:          | Human                                                                                                                                                    |
| Host:                | Rabbit                                                                                                                                                   |
| Clonality:           | Polyclonal                                                                                                                                               |
| Conjugate:           | This Bcl-2 antibody is conjugated to AbBy Fluor® 594                                                                                                     |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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

## Target Details

|                   |                                         |
|-------------------|-----------------------------------------|
| Target:           | Bcl-2 (BCL2)                            |
| Alternative Name: | Bcl-2 ( <a href="#">BCL2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: Bcl-2, PPP1R50, Apoptosis regulator Bcl-2, BCL2<br><br>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<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| 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                                                                                                          |