

Datasheet for ABIN1532505

**anti-Bcl-2 antibody (AA 46-95)**[Go to Product page](#)**3** Images

## Overview

|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                            |
| Target:              | Bcl-2 (BCL2)                                                                      |
| Binding Specificity: | AA 46-95                                                                          |
| Reactivity:          | Human, Mouse, Rat                                                                 |
| Host:                | Rabbit                                                                            |
| Clonality:           | Polyclonal                                                                        |
| Conjugate:           | This Bcl-2 antibody is un-conjugated                                              |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF) |

## Product Details

|               |                                                                                             |
|---------------|---------------------------------------------------------------------------------------------|
| Immunogen:    | The antiserum was produced against synthesized peptide derived from human BCL-2.            |
| Isotype:      | IgG                                                                                         |
| Specificity:  | BCL-2 Antibody detects endogenous levels of total BCL-2 protein.                            |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity:       | > 95 %                                                                                      |

## Target Details

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

### Target Details

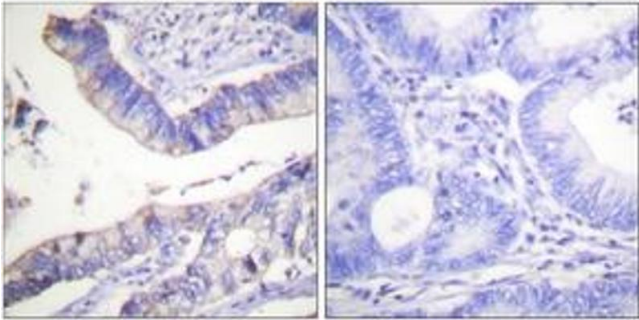
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | NCBI Gene Symbol: BCL2                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molecular Weight: | 26 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID:          | 596                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OMIM:             | 151430                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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: | WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000 |
| Comment:           | Unigene-Number: Hs.150749 (NCBI Gene Symbol: BCL2)              |
| Restrictions:      | For Research Use only                                           |

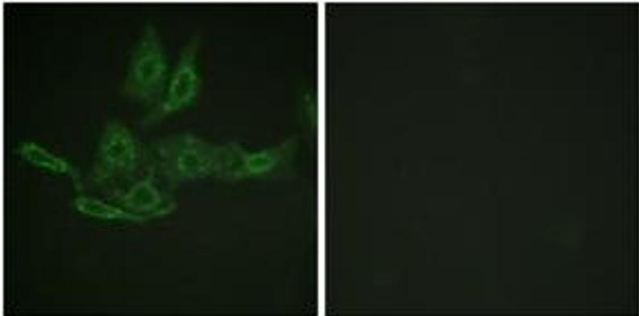
### Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.         |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Stable at -20°C for at least 1 year.                                                                                   |
| Expiry Date:       | 12 months                                                                                                              |



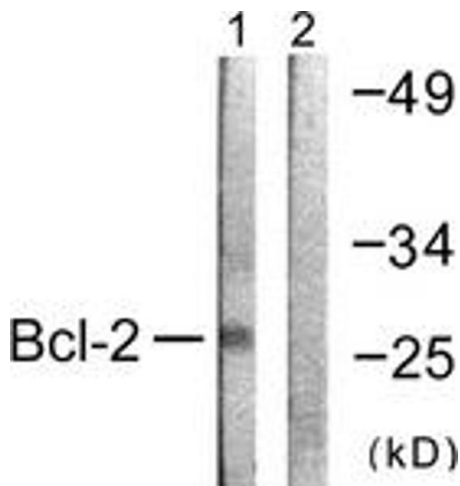
**Immunohistochemistry**

**Image 1.** Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using BCL-2 (Ab-69) Antibody. The picture on the right is treated with the synthesized peptide.



**Immunofluorescence**

**Image 2.** Immunofluorescence analysis of HepG2 cells, using BCL-2 (Ab-69) Antibody. The picture on the right is treated with the synthesized peptide.



**Western Blotting**

**Image 3.** Western blot analysis of extracts from K562 cells, using BCL-2 (Ab-69) Antibody. The lane on the right is treated with the synthesized peptide.