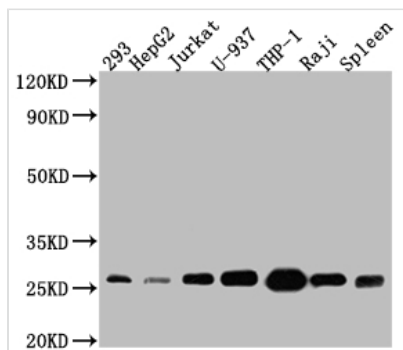




# BCL2 Recombinant Monoclonal Antibody

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-RA564360A0HU   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| <b>Uniprot No.</b>         | P10415   |
| <b>Immunogen</b>           | A synthesized peptide derived from human Bcl-2   |
| <b>Species Reactivity</b>  | Human, Mouse   |
| <b>Tested Applications</b> | ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200  |
| <b>Relevance</b>           | 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). May attenuate inflammation by impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785). |
| <b>Form</b>                | Liquid   |
| <b>Conjugate</b>           | Non-conjugated   |
| <b>Storage Buffer</b>      | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.  |
| <b>Purification Method</b> | Affinity-chromatography  |
| <b>Isotype</b>             | Rabbit IgG   |
| <b>Clonality</b>           | Monoclonal   |
| <b>Product Type</b>        | Recombinant Antibody   |
| <b>Immunogen Species</b>   | Homo sapiens (Human)   |
| <b>Research Area</b>       | Cancer; Cell biology; Metabolism; Signal transduction  |
| <b>Target Names</b>        | BCL2   |
| <b>Clone No.</b>           | 3F6  |

## Image



### Western Blot

Positive WB detected in: 293 whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate, U-937 whole cell lysate, THP-1 whole cell lysate, Raji whole cell lysate, Mouse Spleen whole cell lysate

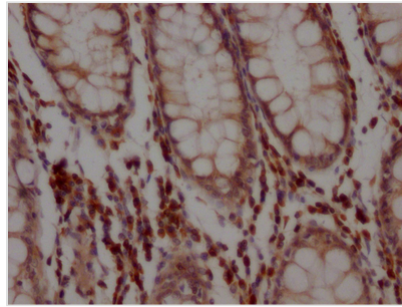
All lanes: Bcl-2 antibody at 1:1000

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 27, 23 kDa

Observed band size: 27 kDa



IHC image of CSB-RA564360A0HU diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.