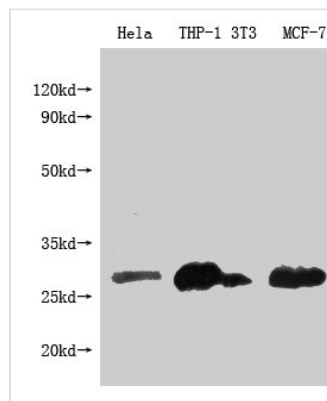




# BCL2 Monoclonal Antibody

<b>Product Code</b>	CSB-MA002611A0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P10415
<b>Immunogen</b>	Recombinant Human poptosis regulator Bcl-2 protein (2-211AA)
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, FC; Recommended dilution: WB: 1:1000-1:5000, FC: 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>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG1
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Cancer; Cell biology; Metabolism; Signal transduction
<b>Gene Names</b>	BCL2
<b>Clone No.</b>	8E1D8

## Image



### Western Blot

Positive WB detected in: BCL2 antibody at 1:1000

Lane 1: HeLa whole cell lysate

Lane 2: THP-1 whole cell lysate

Lane 3: NIH/3T3 whole cell lysate

Lane 4: MCF-7 whole cell lysate

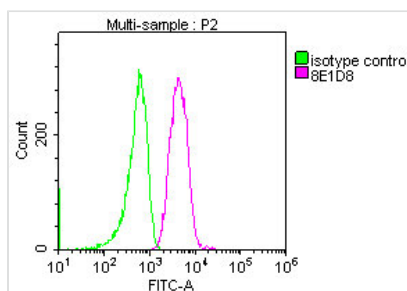
Secondary

Goat polyclonal to Mouse IgG at 1/20000 dilution

Predicted band size: 26KDa

Observed band size: 26 KDa

Exposure time: 5min



Overlay Peak curve showing Jurkat cells stained with CSB-MA002611A0m (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody ( $1\mu\text{g}/1 \times 10^6 \text{ cells}$ ) for 1h at  $4^\circ\text{C}$ . The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at  $4^\circ\text{C}$ . Isotype control antibody (green line) was mouse IgG1 ( $1\mu\text{g}/1 \times 10^6 \text{ cells}$ ) used under the same conditions. Acquisition of  $>10,000$  events was performed.