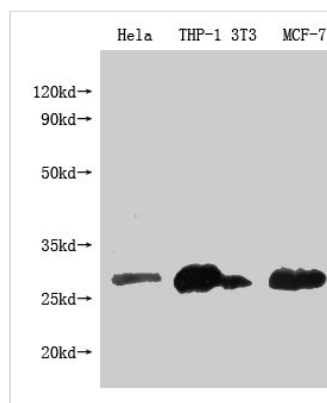




BCL2 Monoclonal Antibody

Product Code	CSB-MA002611A0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P10415
Immunogen	Recombinant Human poptosis regulator Bcl-2 protein (2-211AA)
Raised In	Mouse
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, FC; Recommended dilution: WB: 1:1000-1:5000, FC: 1:50-1:200
Relevance	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).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG1
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Cancer; Cell biology; Metabolism; Signal transduction
Gene Names	BCL2
Clone No.	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

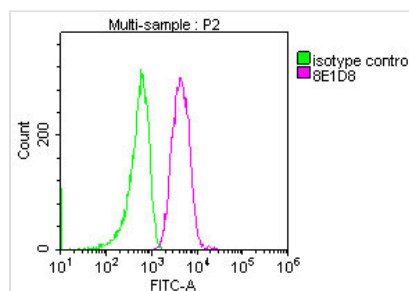
Secondary

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°C . The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°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.