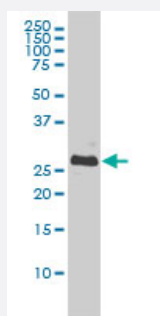


BCL2L1 monoclonal antibody (M01), clone 3E2-2A5

Catalog # H00000598-M01

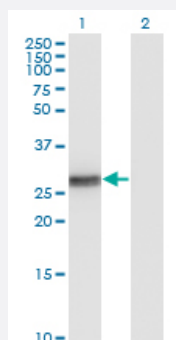
Size 100 ug

Applications



Western Blot (Cell lysate)

BCL2L1 monoclonal antibody (M01), clone 3E2-2A5 Western Blot analysis of BCL2L1 expression in A-431 (Cat # L015V1).

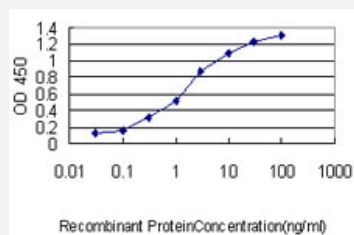


Western Blot (Transfected lysate)

Western Blot analysis of BCL2L1 expression in transfected 293T cell line by BCL2L1 monoclonal antibody (M01), clone 3E2-2A5.

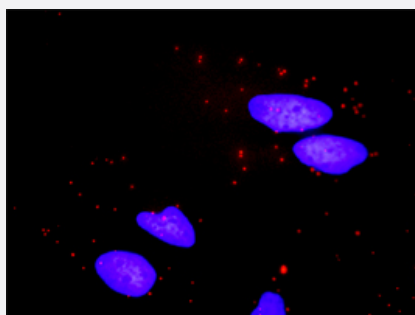
Lane 1: BCL2L1 transfected lysate (Predicted MW: 26 KDa).

Lane 2: Non-transfected lysate.



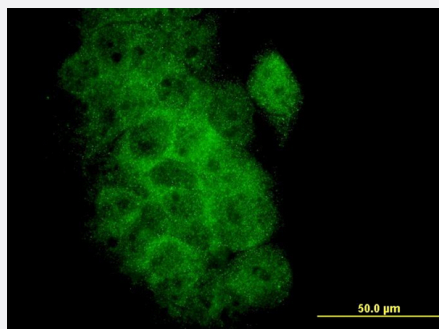
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BCL2L1 is approximately 0.03ng/ml as a capture antibody.



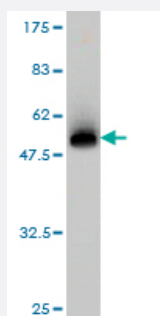
In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between BID and BCL2L1. HeLa cells were stained with anti-BID rabbit purified polyclonal 1:1200 and anti-BCL2L1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Immunofluorescence

Immunofluorescence of monoclonal antibody to BCL2L1 on A-431 cell.
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (51.37 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant BCL2L1.
Immunogen	BCL2L1 (AAH19307, 1 a.a. ~ 233 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSQSNRELVVDFLSYKLSQKGYWSQFSDVEENRTEAPEGTESEMETPSAINGNPSWHLADSP AVNGATGHSSSLDAREVIPMAAVKQALREAGDEFELRYRRAFSDLTSQLHITPGTAYQSFEQVVN ELFRDGVNWGRIVAFFSFGGALCVESVDKEMQVLVSRIAAMATYLNHLEPWIQENGWDTFV ELYGNNAAAESRKGQERFNWFLTGMTVAGVLLGSLFSRK
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.37 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

BCL2L1 monoclonal antibody (M01), clone 3E2-2A5 Western Blot analysis of BCL2L1 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of BCL2L1 expression in transfected 293T cell line by BCL2L1 monoclonal antibody (M01), clone 3E2-2A5.

Lane 1: BCL2L1 transfected lysate (Predicted MW: 26 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BCL2L1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between BID and BCL2L1. HeLa cells were stained with anti-BID rabbit purified polyclonal 1:1200 and anti-BCL2L1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

- Immunofluorescence

Immunofluorescence of monoclonal antibody to BCL2L1 on A-431 cell. [antibody concentration 10 ug/ml]

Gene Info — BCL2L1

Entrez GeneID [598](#)

GeneBank Accession# [BC019307](#)

Protein Accession# [AAH19307](#)

Gene Name	BCL2L1
Gene Alias	BCL-XL/S, BCL2L, BCLX, Bcl-X, DKFZp781P2092, bcl-xL, bcl-xS
Gene Description	BCL2-like 1
Omim ID	600039
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq]
Other Designations	OTTHUMP00000030550 OTTHUMP00000030551 OTTHUMP00000030553

Publication Reference

- [A BACH2-BCL2L1 fusion gene resulting from at \(6; 20\)\(q15; q11. 2\) chromosomal translocation in the lymphoma cell line BLUE?1.](#)

Turkmen S, Riehn M, Klopocki E, Molkentin M, Reinhardt R, Burmeister T.

Genes, Chromosomes & Cancer 2011 Jun; 50(6):389.

Application: WB-Ce, Human, BLUE-1, CA46, HepG2, Raji, Ramos cells

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Chronic myeloid leukemia](#)
- [Jak-STAT signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
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- [Cognition Disorders](#)
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