

## Anti-Bcl-XL BCL2L1 Rabbit Monoclonal Antibody

Catalog Number: M00181-1

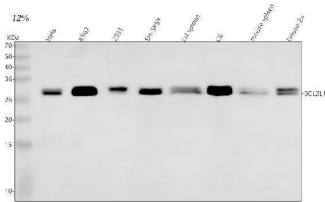
### Overview

Product Name	Anti-Bcl-XL BCL2L1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Bcl-XL BCL2L1 Rabbit Monoclonal Antibody catalog # M00181-1. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal AOD-2
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q07817

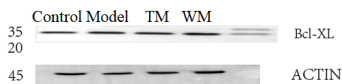
### Technical Details

Immunogen	A synthesized peptide derived from human Bcl-XL
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 IP 1:50 FC 1:50

## Anti-Bcl-XL BCL2L1 Rabbit Monoclonal Antibody (M00181-1) Images

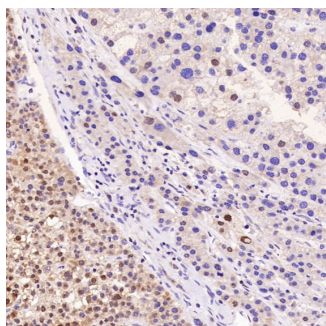


Western blot analysis of BCL2L1 using anti-BCL2L1 antibody (M00181-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HeLa whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: human SH-SY5Y whole cell lysates, Lane 5: rat spleen tissue lysates, Lane 6: rat C6 whole cell lysates, Lane 7: mouse spleen tissue lysates, Lane 8: mouse Neuro-2a whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BCL2L1 antigen affinity purified monoclonal antibody (Catalog # M00181-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for BCL2L1 at approximately 30 kDa. The expected band size for BCL2L1 is at 26 kDa.

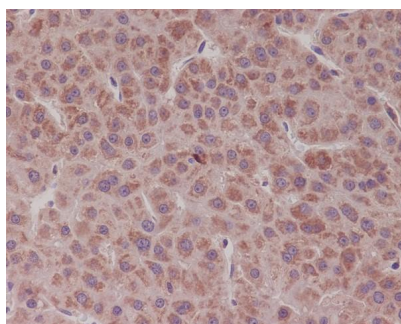
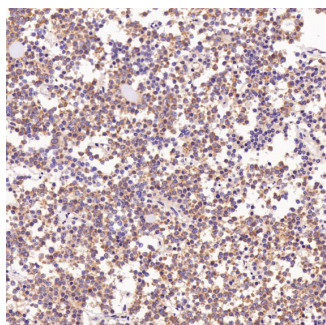


Western blot analysis of BCL2L1 using anti-BCL2L1 antibody (M00181-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: Control group-rat colon tissue lysates, Lane 2: Model group-rat colon tissue lysates, Lane 3: Traditional Chinese medicine treatment-rat colon tissue lysates, Lane 4: Western medicine treatment-rat colon tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BCL2L1 antigen affinity purified monoclonal antibody (Catalog # M00181-1) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with ChemiDoc MP system. A specific band was detected for BCL2L1 at approximately 30 kDa. The expected band size for BCL2L1 is at 26 kDa.

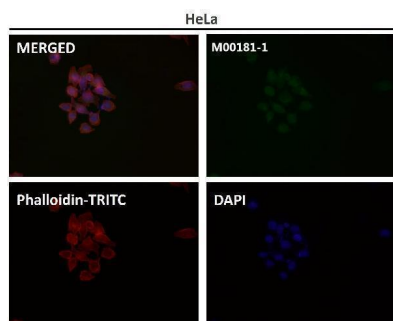
Immunohistochemical analysis of paraffin-embedded Human liver cancer, using the Antibody at 1:400 dilution.



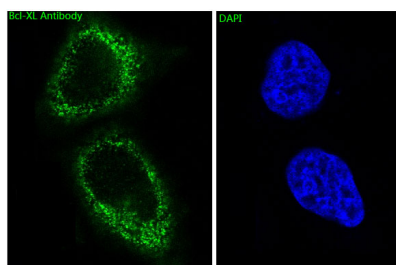
Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:400 dilution.



Immunohistochemical analysis of paraffin-embedded human liver cancer, using Bcl-XL Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of HeLa cells, using Bcl-XL Antibody .

1. PubMed ID: 33382670, Chen H, Sheng H, Zhao Y, Zhu G. Piperine Inhibits Cell Proliferation and Induces Apoptosis of Human Gastric Cancer Cells by Downregulating Phosphatidylinositol 3-Kinase (PI3K)/Akt Pathway. Med Sci Monit. 2020 Dec 31;26:e928403. doi:10.12659/MSM.928403. PMID:33382

2. PubMed ID: 12439908, Relationship between Egr-1 gene expression and apoptosis in esophageal carcinoma and precancerous lesions

3. PubMed ID: 24213508, Zhou X, Zhang Y, Li Y, Hao X, Liu X, Wang Y. Cancers (Basel). 2012 Dec 4;4(4):1318-32. Doi: 10.3390/Cancers4041318. Azithromycin Synergistically Enhances Anti-Proliferative Activity Of Vincristine In Cervical And Gastric Cancer Cells.

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