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antibody and ELISA experts

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Anti-Bcl-XL BCL2L1 Rabbit Monoclonal Antibody

Catalog Number: M00181-1

About BCL2L1

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

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 phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

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	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50

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

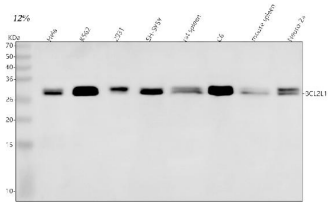
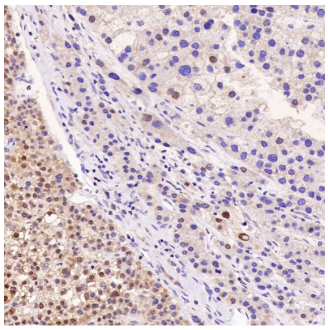
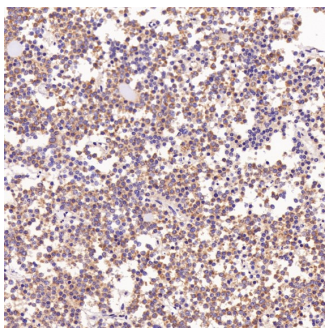


Figure 1. Western blot analysis of BCL2L1 using anti-BCL2L1 antibody (M00181-1).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Hela 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.



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

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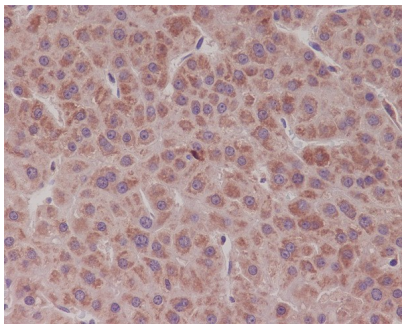
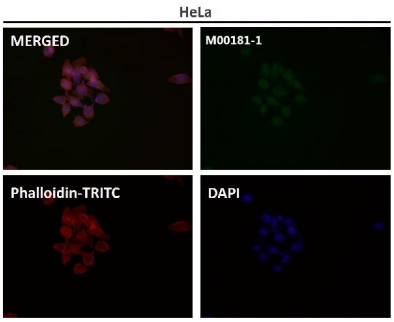
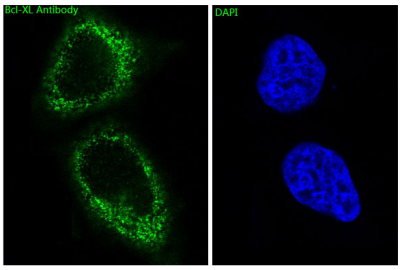


liver cancer, using Bcl-XL Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



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

3 Publications Citing This Product

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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