

Product Datasheet

Bim/BCL2L11 Antibody (orb1098118)

Catalog Number orb1098118

Category Antibodies

Description Anti-Bim/BCL2L11 Antibody. Tested in Flow Cytometry, IHC, WB applications.

This antibody reacts with Human, Mouse.

Clonality Polyclonal

Species/Host Rabbit

Isotype Rabbit IgG

Conjugation Unconjugated

Reactivity Human, Mouse

Form/Appearance Lyophilized

Concentration Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

Purification Immunogen affinity purified.

Immunogen A synthetic peptide corresponding to a sequence at the C-terminus of human

Bim/BCL2L11, which shares 80% amino acid (aa) sequence identity with mouse

and rat BCL2L11.

UniProt ID 043521

MW 28 kDa

7 Signet Court, Swann Road

Cambridge

United Kingdom

CB5 8LA

Tested applications FC, IHC, WB

Application notes Western blot, 0.1-0.25 µg/ml, Human, Mouse Immunohistochemistry(Paraffin-

embedded Section), 2-5 μg/ml, Human Flow Cytometry (Fixed), 1-3 μg/1x106

cells, Human. Adding 0.2 ml of distilled water will yield a concentration of 500

Biorbyt Ltd. μg/ml Biorbyt LLC

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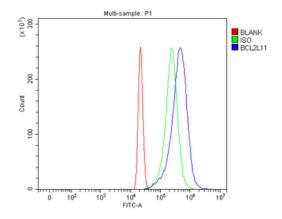
Cross Reactivity No cross-reactivity with other proteins.

Antibody Type Primary Antibody

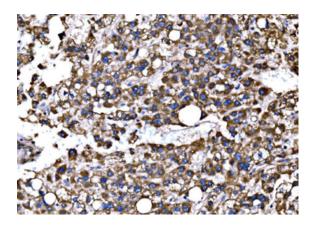
Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -

20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only



Flow Cytometry analysis of HL-60 cells using anti-Bim/BCL2L11 antibody. Overlay histogram showing HL-60 cells (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-Bim/BCL2L11 Antibody (1 $\mu g/1x10^6$ cells) for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (5-10 $\mu g/1x10^6$ cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 $\mu g/1x10^6$) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



IHC analysis of Bim/BCL2L11 using anti-Bim/BCL2L11 antibody. Bim/BCL2L11 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-Bim/BCL2L11 Antibody overnight at 4°C. Biotinylated goat antirabbit lgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.

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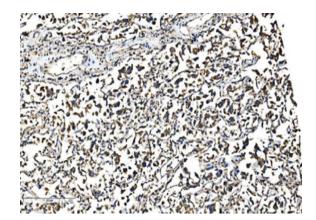
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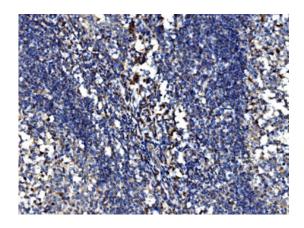
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IHC analysis of Bim/BCL2L11 using anti-Bim/BCL2L11 antibody. Bim/BCL2L11 was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-Bim/BCL2L11 Antibody overnight at 4°C. Biotinylated goat antirabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC analysis of Bim/BCL2L11 using anti-Bim/BCL2L11 antibody. Bim/BCL2L11 was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-Bim/BCL2L11 Antibody overnight at 4°C. Biotinylated goat antirabbit lgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.

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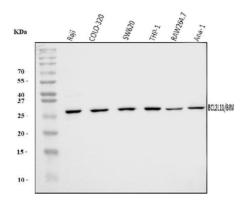
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Western blot analysis of Bim/BCL2L11 using anti-Bim/BCL2L11 antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Raji whole cell lysates, Lane 2: human COLO-320 whole cell lysates, Lane 3: human SW620 whole cell lysates, Lane 4: human THP-1 whole cell lysates, Lane 5: mouse RAW264.7 whole cell lysates, Lane 6: mouse Ana-1 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-Bim/BCL2L11 antigen affinity purified polyclonal antibody at 0.25 µg/mL 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 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Bim/BCL2L11 at approximately 28 kDa. The expected band size for Bim/BCL2L11 is at 22 kDa.

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