Product Datasheet

Bim/Bcl2l11 Antibody (orb1939869)

Catalog Number	orb1939869
Category	Antibodies
Description	Anti-Bim/Bcl2l11 Antibody. Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Mouse.
Target	Serine/threonine-protein kinase AtPK1/AtPK6
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	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	E.coli-derived mouse Bim/Bcl2l11 recombinant protein (Position: Q18-R186). Mouse Bcl2l11 shares 86.7% and 98.8% amino acid (aa) sequence identity with human and rat Bcl2l11, respectively.
UniProt ID	O54918
MW	22 kDa
Tested applications	ELISA, FC, WB

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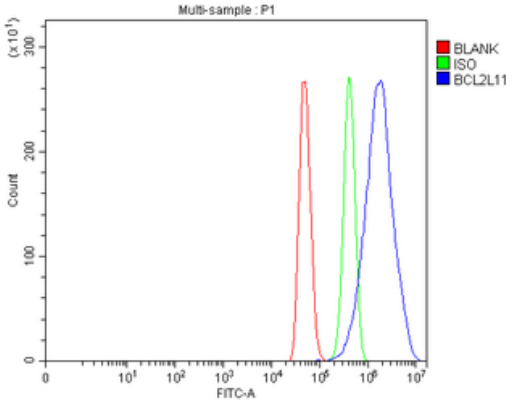
Application notes	Western blot, 0.25-0.5 µg/ml, Mouse Flow Cytometry (Fixed), 1-3 µg/1x106 cells, Mouse ELISA, 0.1-0.5 µg/ml, -. Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml
Cross Reactivity	No cross reactivity with other proteins.
Antibody Type	Primary Antibody
Storage	Maintain 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 C2C12 cells using anti-Bim/Bcl2l11 antibody. Overlay histogram showing C2C12 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 µg/1x10^6 cells) for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (5-10 µg/1x10^6 cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 µg/1x10^6) used under the same conditions. Unlabelled sample (Red line) was also used as a control.

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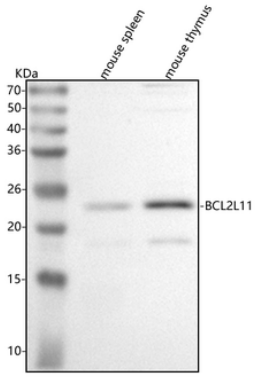

Western blot analysis of Bim/Bcl2l11 using anti-Bim/Bcl2l11 antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: mouse spleen tissue lysates, Lane 2: mouse thymus 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-Bim/Bcl2l11 antigen affinity purified polyclonal antibody at 0.5 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 22 kDa. The expected band size for Bim/Bcl2l11 is at 22 kDa.

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