Product Datasheet

BCL2L11 Antibody (orb1239258)

Catalog Number	orb1239258
Category	Antibodies
Description	BCL2L11 Antibody
Target	BCL2L11
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Rat
Form/Appearance	Liquid
Concentration	1 mg/mL
Buffer/Preservatives	Bim Antibody is supplied in PBS containing 0.02% sodium azide.
Purification	Bim Antibody is affinity chromatography purified via peptide column.
Immunogen	Anti-BIM antibody (orb1239258) was raised against a peptide corresponding to amino acids near the center of human BIM. The immunogen is located within amino acids 80-130 of BIM.
UniProt ID	O43521
MW	Predicted: 22kDObserved: 22kD

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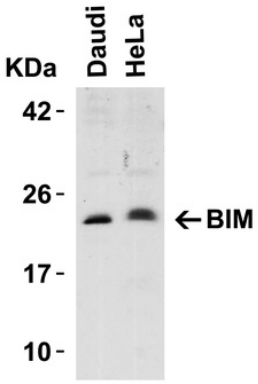
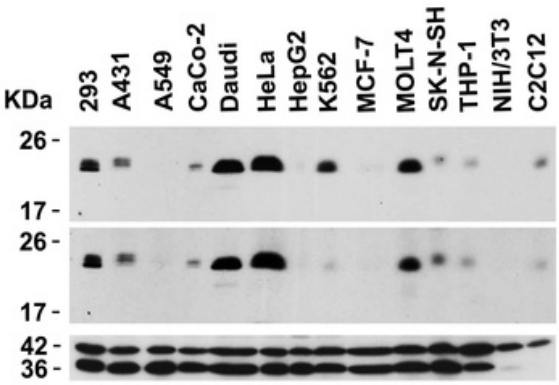
Tested applications	ELISA, ICC, IF, WB
Antibody Type	Primary Antibody
Modifications	None
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	O43521



Western Blot Validation in Human Cell Lines. Loading: 15 µg of lysates per lane. Antibodies: BIM orb1239258, (5 µg/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines. Loading: 15 µg of lysates per lane. Antibodies: BIM orb1239259, (0.5 µg/mL), BIM orb1239258, (5 µg/mL), beta-actin (1 µg/mL) and GAPDH (0.02 µg/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

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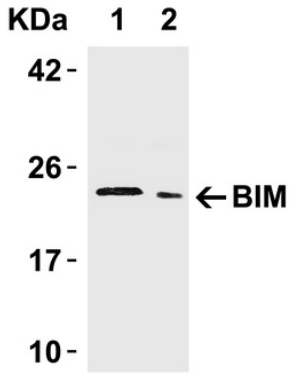
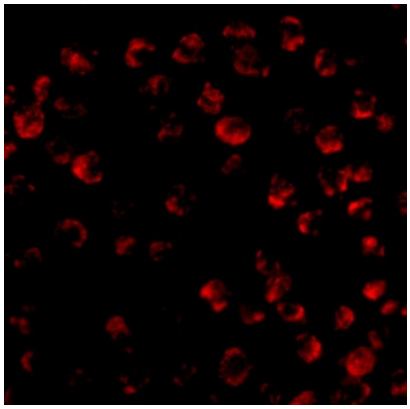
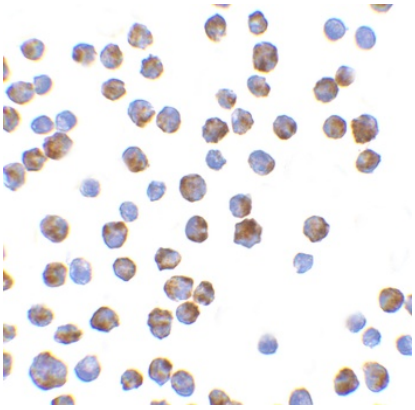


Western Blot Validation in Human Tissue. Loading: 15 µg of lysates per lane. Antibodies: BIM orb1239258, (5 µg/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: Human urinary bladder, Lane 2: Human pancreas.



Immunofluorescence Validation of BIM in K562 Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed K562 cells labeling BIM with orb1239258 at 20 µg/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



Immunocytochemistry Validation of BIM K562 Cells. Immunohistochemical analysis of K562 cells using anti-BIM antibody (orb1239258) at 10 µg/ml. Cells was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

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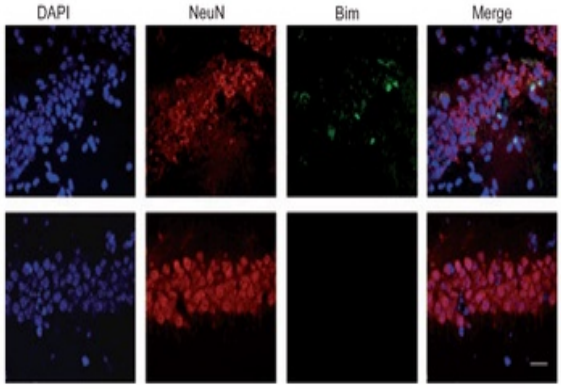
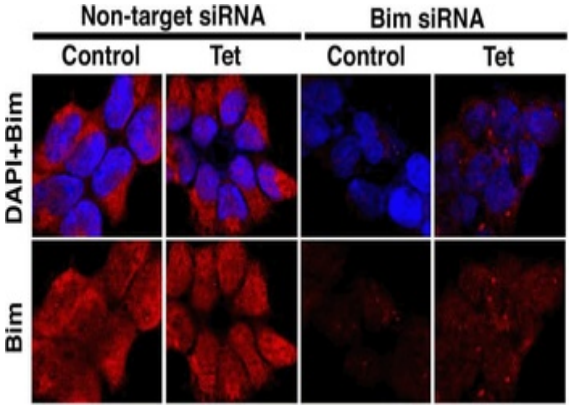
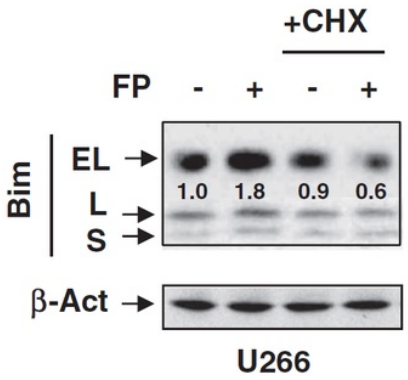


Induced Expression Validation of BIM in Mouse Hippocampus (Tsuchiya et al., 2011). The induction of Bim protein was detected by immunohistochemical analysis of mice after i.h. injection of epoxomicin with anti-BIM antibodies. Sections from epoxomicin-treated animals exhibited cells staining positive for Bim expression within the NeuN-positive population of neurons in the CA1 of the ipsilateral side. In contrast, Bim-positive cells were absent within the NeuNpositiveCA1 neurons on the contralateral side.



KD Validation of BIM in 293 Cells (Han et al., 2010). Immunofluorescence analysis with anti-BIM antibodies was performed for BIM in 293 cells transfected with control siRNA or BIM siRNA. BIM expression was disrupted after BIM siRNA knockdown.



Regulated Expression Validation of BIM in U266 Cells (Chen et al., 2012). Immunoblot analysis was carried out to monitor protein expression of 3 isoforms (EL, L, and S) of Bim with anti-BIM antibodies. BIM expression was up-regulated by flavopiridol treatment, which was blocked by Cycloheximide in U266 cells.

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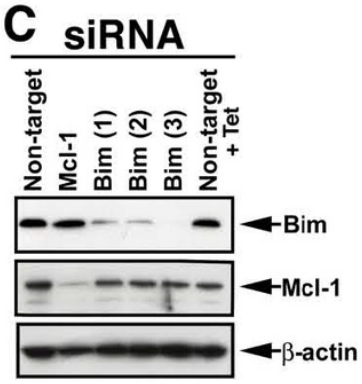
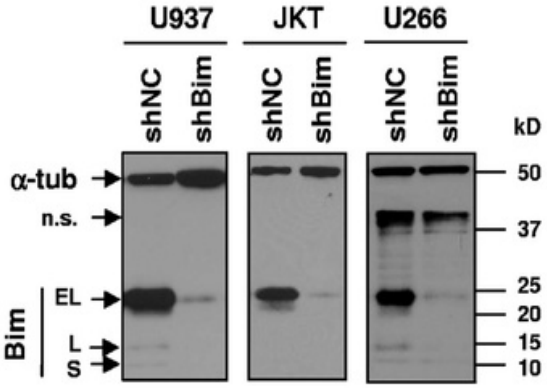
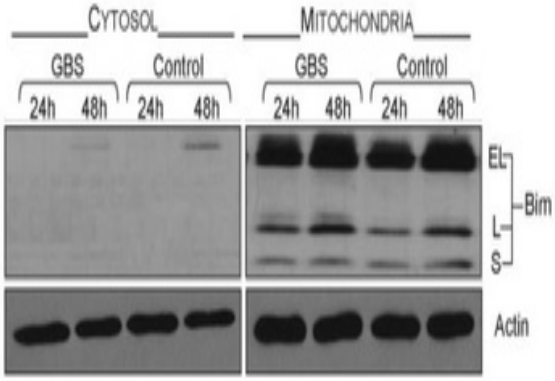


WB KD Validation of BIM in 293 Cells (Han et al., 2010). Western blot analysis with anti-BIM antibodies was performed for BIM in 293 cells transfected with control siRNA or BIM siRNA. BIM expression was disrupted after BIM siRNA knockdown.



KD Validation of BIM in Human Cell Lines (Chen et al., 2009). Human leukemia (U937 and Jurkat) and myeloma (U266) cells were stably transfected with constructs encoding shBim or a scrambled sequence (shNC). Immunoblotting was preformed to monitor expression of Bim in these cells with anti-BIM antibodies. BIM expression was disrupted after shBIM.



Localization Validation of BIM in Mouse Macrophages (Ulett et al., 2005). Immunoblots of subcellular fractions enriched for mitochondria and cytosol were used to determine BIM protein levels with anti-BIM antibodies in J774A cells. BIM is exclusively expressed in mitochondria.

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