$Bim_{S/EL/L}$ monoclonal antibody (3C5)

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ALX-804-5270	100µg

Manuals, SDS & CofA View Online »

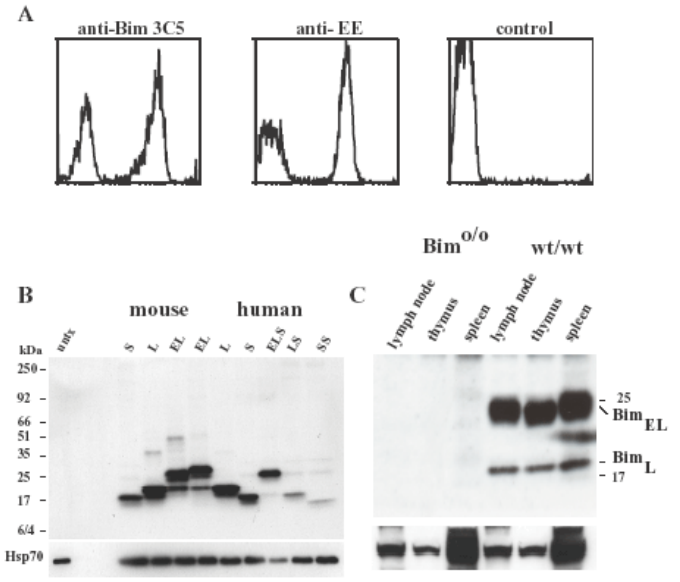


Figure A: Hybridomas producing MAbs to Bim (peptide) were identified using clones of the IL-3-dependent mouse myeloid cell line FDC-P1 stably expressing Bcl-2 alone, or Bcl-2 plus mouse BimL mixed at a 1:1 ratio. Transfected cells were fixed, permeabilized and stained with the rat anti-Bim MAb (clone 3C5) (Prod. No. ALX-804-527), the mouse anti-Glu-Glu (EE) MAb (positive control) or with secondary antibody alone (negative control). Staining was visualised by FITC-conjugated goat anti-rat or anti-mouse IgG antibodies.**Figure B:** Western blotting with anti-Bim MAb (clone 3C5) (Prod. No. ALX-804-527) recognizes all known isoforms of Bim. Western blotting of lysates of 293T cells cells transfected with EE-tagged forms of mouse or HA tagged forms of human Bim. Blots were probed with anti-Bim MAb (clone 3C5) (Prod. No. ALX-804-527), which detected EE mouse BimS, BimL, BimEL and EE human, BimSS, BimS, BimLS, BimL, BimELS, BimEL. Probing with an anti-Hsp-70 MAb was used as a loading control for all blots.**Figure C:** Anti-Bim MAb (clone 3C5) (Prod. No. ALX-804-527) detects endogenous Bim expression in mouse tissues but not those from Bim knockout mice. Bim protein was revealed in lysates from mouse tissues (5 x 10^6/lane) by Western blotting with anti-Bim MAb (clone 3C5) (Prod. No. ALX-804-527) and detection by ECL. Probing with an anti-Hsp-70 MAb was used as a loading control.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	BCL2L11
Application	ELISA, Flow Cytometry, ICC, IP, WB
Clone	3C5
Formulation	Liquid. In PBS containing 0.02% sodium azide and 25% glycerol.
Host	Rat
Immunogen	Synthetic peptide corresponding to aa 20-40 (Q20PAERPPQLRPGAPTSLQTEP40) of mouse BimL.
Isotype	IgG2a
Purity Detail	Protein G-affinity purified.
Recommendation Dilutions/Conditions	Immunoprecipitation (2µg/ml)Western Blot (1-5µg/ml)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Dog, Human, Monkey, Mouse, Rat
Specificity	Recognizes an epitope within aa 20-40 of im_L (~19kDa), Bim_{EL} (~23kDa), and Bim_S (~16kDa). Also recognizes the six novel isoforms of human Bim, generated by alternative splicing and lacking the C-terminal hydrophobic region recently identified.

UniProt ID	O54918

Worry-free Guarantee

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