$Bim_{S/EL/L}$ monoclonal antibody (10B12)

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ALX-804-5280	100µg

Manuals, SDS & CofA View Online »

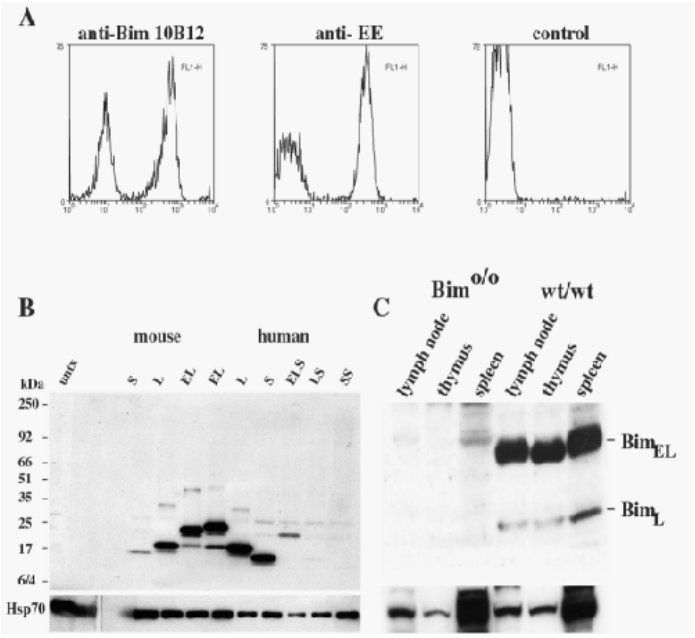


Figure A: Hybridomas producing MAbs to Bim (peptide) were identified using clones of the IL-3-dependent mouse myeloid cell line FDC-P1 stably expressing Bcl-2 alone, or Bcl-2 plus mouse BimL mixed at a 1:1 ratio. Transfected cells were fixed, permeabilized and stained with the rat anti-Bim MAb (clone 10B12) (**Prod. No. ALX-804-528**), 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 10B12) (**Prod. No. ALX-804-528**) recognizes all known isforms 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 10B12) (**Prod. No. ALX-804-528**)

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, IHC, IP, WB
Clone	10B12
Formulation	Liquid. Protein G affinity purified antibody in PBS containing 25% glycerol and 0.02% sodium azide.
Host	Rat
Immunogen	Synthetic peptide corresponding to aa 20-40 (Q20PAERPPQLRPGAPTSLQTEP40) of mouse BimL.
Isotype	IgG2a
Recommendation Dilutions/Conditions	Immunohistochemistry (only EM)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 Bim_L, Bim_{EL}, and Bim_S. 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

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