

Product Datasheet

Bim Antibody



Catalog No: CY5307

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC

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Information

UniProt ID: O43521

All Names: BAM; BIM; BOD; BimL; BimS; BimEL; BIM-beta6; BIM-beta7; BIM-alpha6; BCL2L11;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 22 kDa

Application

WB 1:500~1:1000

IHC 1:50~1:100

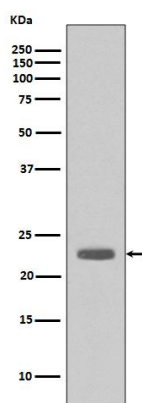
ICC/IF 1:50~1:100

IP 1:40

FC 1:50

Background

Bim is a pro-apoptotic member of the BCL-2 protein family. It interacts with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and acts as an apoptotic activator. Its expression can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FOXO-L1, which suggests a role in neuronal and lymphocyte apoptosis. Transgenic studies in the mouse suggested that this protein functions as an essential initiator of the apoptosis in thymocyte-negative selection. Eight alternatively spliced transcript variants of this gene have been reported.



Western blot analysis of Bim expression in A431 cell lysate.

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