

Anti- mouse Bim [ham151-149] Standard Size Ab03542-1.1

This chimeric mouse antibody was made using the variable domain sequences of the original Hamster IgG format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Mouse IgG1, Lambda

Clone Number: ham151-149

Alternative Name(s) of Target: Bcl-2-like protein 11; Bcl2-L-11; Bcl2-interacting mediator of cell death

UniProt Accession Number of Target Protein: O54918

Published Application(s): IP, WB, FC

Published Species Reactivity: Mouse

Immunogen: The original antibody was generated from a hamster immunized with a complex of mouse Bim and Bcl-XL produced in insect cells.

Specificity: The antibody reacts with mouse Bim. Mouse Bim is a 19-24 kDa pro-apoptotic protein (Bcl-2 family) which regulates immunological responses.

Application Notes: The antibody reacted in Western blots and by immunofluorescence with permeabilized B and T cells from Bim +/- mice (Oliver et al., 2004; PMID: 15520248). T cells were analyzed for levels of Bcl-2 and Bim protein by staining of permeabilized cells with the antibody (Jorgensen et al., 2007; PMID: 17785775). The antibody was used for flow cytometry analysis (Kashiwakura et al., 2013; PMID: 23278598).

Antibody First Published in: Oliver et al. Loss of Bim Allows Precursor B Cell Survival But Not Precursor B Cell Differentiation in the Absence of Interleukin 7. J Exp Med. 2004 Nov 1;200(9):1179-87. [PMID:15520248](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.