



Anti-BCL2L11 monoclonal antibody, clone 151-149 [Biotin] (CABT-50129HM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview Hamster anti Mouse Bim antibody, clone 151-149 recognizes human Bcl-2 interacting mediator of cell death (Bim), also known as Bod. Bim is a pro-apoptotic protein within the Bcl-2 family, which functions within the intrinsic apoptosis pathway. Bim is known to interact with pro-survival proteins including Bcl-2, Bcl-XL and Bcl-w. Bim is expressed in a variety of cell types, where it is maintained in an inactive conformation by phosphorylation or through binding to the microtubule-associated dynein motor complex. Upon certain apoptotic stimuli, Bim is released from microtubules and mediates caspase- dependent apoptosis. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10⁶ cells in 100ul.

Specificity	BCL2L11
Immunogen	A complex of mouse BIM and Bcl-XL produced in insect cells.
Isotype	IgG
Source/Host	Hamster
Species Reactivity	Mouse
Clone	151-149
Conjugate	Biotin
Applications	FC; IF
Format	Purified IgG conjugated to Biotin - liquid
Size	100 µg
Preservative	0.09% Sodium Azide

Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Bcl2l11 BCL2-like 11 (apoptosis facilitator) [Mus musculus (house mouse)]
Official Symbol	BCL2L11
Synonyms	BCL2L11; BCL2-like 11 (apoptosis facilitator); Bim; Bod; bcl2-L-11; 1500006F24Rik; bcl-2-like protein 11; Bcl2 interacting mediator of cell death; bcl2-interacting mediator of cell death;
Entrez Gene ID	12125
Protein Refseq	NP_001271339
UniProt ID	O54918
Chromosome Location	2; 2 F3-G1
Pathway	Activation of BH3-only proteins; Activation of BIM and translocation to mitochondria; Apoptosis; B Cell Receptor Signaling Pathway; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members; Cell death signalling via NRAGE, NRIF and NADE; FoxO signaling pathway; IL-3 Signaling Pathway;
Function	microtubule binding; contributes_to microtubule binding; protein binding;