

Datasheet: AHP933

**BATCH NUMBER 153868**

<b>Description:</b>	RABBIT ANTI BIM
<b>Specificity:</b>	BIM
<b>Other names:</b>	BOD
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/1000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Based on sequence similarity, is expected to react with: Mouse, Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
<b>Product Form</b>	Purified IgG - liquid

**Antiserum Preparation** Antisera to human Bim were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

---

**Buffer Solution** Phosphate buffered saline

---

**Preservative Stabilisers** 0.02% Sodium Azide

---

**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml.

---

**Immunogen** Synthetic peptide corresponding to amino acids 22 to 40 of human Bim.

---

**External Database Links**

**UniProt:**  
[O43521](#)    [Related reagents](#)

**Entrez Gene:**  
[10018](#) BCL2L11    [Related reagents](#)

---

**Synonyms** BIM

---

**RRID** AB\_566386

---

**Specificity** **Rabbit anti Human Bim antibody** 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.

---

**Western Blotting** AHP933 detects a band of approximately 22kDa in K562 and A549 whole cell lysates.

---

**References** 1. Shin, S.H. *et al.* (2015) Differential Protein Expression in Congenital and Acquired Cholesteatomas. [PLoS One. 10 \(9\): e0137011.](#)

---

**Storage** Store at +4°C or at -20°C if preferred.  
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.

---

**Guarantee** 12 months from date of despatch

---

**Health And Safety  
Information**

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP933>  
10040

---

**Regulatory**

For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M364369:200529'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)