

**Product:** Anti-Bim (IN) (BOD)  
**Catalog #:** 12-2065  
**Amount:** 25 mg

---

**CATEGORY:** Rabbit Polyclonal  
**DESCRIPTION:** Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3(BH-3) domain is a potent death domain. BH3 domain containing pro-apoptotic proteins, including Bad, Bax, Bid, Bik, and Hrk, form a growing subclass of the Bcl-2 family. A novel BH3 domain containing protein was recently identified and designated Bim or BOD in human, mouse and rat. Bim/BOD interacts with diverse members in the pro-survival Bcl-2 sub-family including Bcl-2, Bcl-x<sub>L</sub> and Bcl-w. Bim/BOD induces apoptosis. The messenger RNA of Bim is ubiquitously expressed in multiple tissues and cell lines.

**FORM:** Purified IgG in PBS containing 0.02% Sodium Azide  
**IMMUNOGEN:** A peptide corresponding to amino acids 22 to 40 of human origin. The sequence is identical to that of mouse, and differs from that of rat by one amino acid.

**APPLICATION:** Immunoblotting (dilution 1:1000)  
**REACTIVITY/SPECIES:** Human, mouse, rat  
**RECOMMENDED FOR POSITIVE CONTROL:** Human K562 cell lysate (23 kDa band can be detected)  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**12-2065-1 Blocking peptide available**

**REFERENCES:**  
O'Connor, L. et al. (1998) EMBO J **17**: 384-395  
Hsu, SY. et al. (1998) Mol Endocrinol **12**: 1432-1440

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.