

**mouse BID Antibody (S61) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1307d****Specification**

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**mouse BID Antibody (S61) Blocking Peptide - Product Information**

Primary Accession [P70444](#)  
Other Accession [NP\\_031570](#)

**mouse BID Antibody (S61) Blocking Peptide - Additional Information**

**Gene ID** 12122

**Other Names**

BH3-interacting domain death agonist, p22 BID, BID, BH3-interacting domain death agonist p15, p15 BID, BH3-interacting domain death agonist p13, p13 BID, BH3-interacting domain death agonist p11, p11 BID, Bid

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1307d](/products/AP1307d) was selected from the S61 region of human mouse BID. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**mouse BID Antibody (S61) Blocking Peptide - Protein Information****Name** Bid**Function**

Induces caspases and apoptosis. Counters the protective effect of BCL2.

**Cellular Location**

Cytoplasm. Mitochondrion membrane. Mitochondrion outer membrane {ECO:0000250|UniProtKB:P55957}. Note=When uncleaved, it is predominantly cytoplasmic. [BH3-interacting domain death agonist p13]: Mitochondrion membrane. Note=Associated with the mitochondrial membrane.

## **mouse BID Antibody (S61) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **mouse BID Antibody (S61) Blocking Peptide - Images**

## **mouse BID Antibody (S61) Blocking Peptide - Background**

Bid is a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. Bid is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release.

## **mouse BID Antibody (S61) Blocking Peptide - References**

Ziporen, L., J. Immunol. 182 (1), 515-521 (2009) Kaufmann, T., Immunity 30 (1), 56-66 (2009) Mandal, M., Proc. Natl. Acad. Sci. U.S.A. 105 (52), 20840-20845 (2008)