

**Phospho-mouse Bid(S61) Antibody Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP3040a****Specification**

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**Phospho-mouse Bid(S61) Antibody Blocking peptide - Product Information**

Primary Accession [P70444](#)  
Other Accession [Q99M39](#)

**Phospho-mouse Bid(S61) Antibody 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 [AP3040a](/product/products/AP3040a) was selected from the region of human Mouse Phospho-Bid-S61. 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.

**Phospho-mouse Bid(S61) Antibody 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.

**Phospho-mouse Bid(S61) Antibody Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**Phospho-mouse Bid(S61) Antibody Blocking peptide - Images****Phospho-mouse Bid(S61) Antibody Blocking peptide - Background**

Bid is a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. Bid induces ICE-like proteases and apoptosis. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the major proteolytic product p15 Bid translocates to mitochondria where it triggers cytochrome c release.

**Phospho-mouse Bid(S61) Antibody Blocking peptide - References**

J. Biol. Chem. 280 (46), 38271-38275 (2005) J. Biol. Chem. 280 (13), 12486-12493 (2005) J. Biol. Chem. 279 (28), 28954-28960 (2004) J. Biol. Chem. 279 (27), 28771-28780 (2004) J. Biol. Chem. 279 (4), 2846-2855 (2004)