

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

Protein Information**Name** Bid**Function**

Induces caspases and apoptosis. Counters the protective effect of Bcl-2. The major proteolytic product p15 BID allows the release of cytochrome c.

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](#)