

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 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.

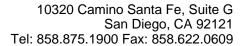
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mouse BID Antibody (S61) Blocking Peptide - Background

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