

mouse BID Antibody (S61)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1307d

Specification

mouse BID Antibody (S61) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	P70444
Other Accession	NP_031570
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	39-68

mouse BID Antibody (S61) - 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

This mouse BID antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-68 amino acids from mouse BID.

Dilution

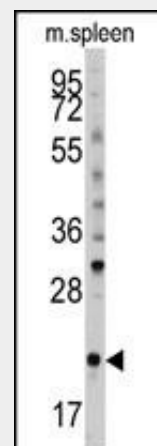
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format

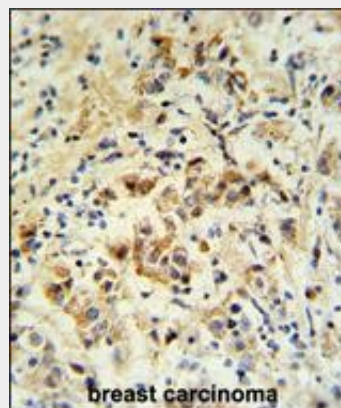
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western blot analysis of anti-mouse BID Antibody (S61) (Cat.#AP1307d) in mouse spleen tissue lysates (35ug/lane). BID (arrow) was detected using the purified Pab .



mouse BID Antibody (S61)(Cat.#AP1307d) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the mouse BID Antibody (S61) for immunohistochemistry. Clinical relevance has not been evaluated.

Precautions

mouse BID Antibody (S61) is for research use only and not for use in diagnostic or therapeutic procedures.

mouse BID Antibody (S61) - 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.

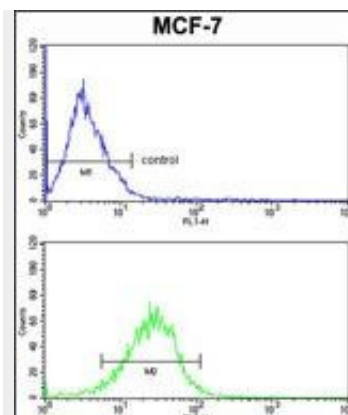
Cellular Location

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) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



mouse BID Antibody (S61) (Cat.#AP1307d) FC analysis of MCF-7 cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

mouse BID Antibody (S61) - 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) - 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)