

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

**Specification**

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

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">P70444</a>
Other Accession	<a href="#">NP_031570</a>
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**

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**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.

**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 BCL2.

## Cellular Location

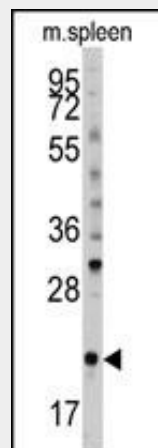
Cytoplasm. Mitochondrion membrane. Mitochondrion outer membrane  
{ECO:0000250|UniProtKB:P55957}. Note=When uncleaved, it is predominantly cytoplasmic.  
[BH3-interacting domain death agonist p13]: Mitochondrion membrane. Note=Associated with the mitochondrial membrane.

## mouse BID Antibody (S61) - Protocols

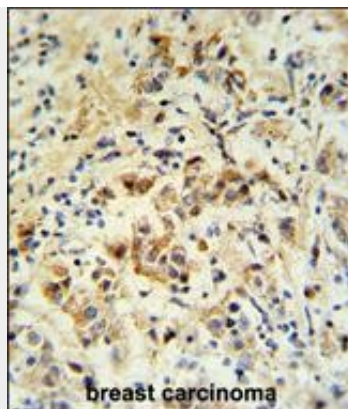
Provided below are standard protocols that you may find useful for product applications.

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

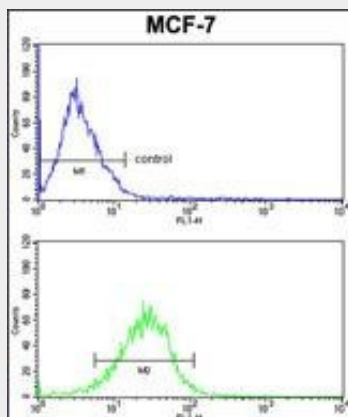
## mouse BID Antibody (S61) - Images



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.



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)