

**Phospho-mouse BAD(S96) Antibody**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP3849a**

## Specification

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### Phospho-mouse BAD(S96) Antibody - Product Information

Application	DB,E
Primary Accession	<a href="#">O61337</a>
Other Accession	<a href="#">NP_031548.1</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	22080

### Phospho-mouse BAD(S96) Antibody - Additional Information

**Gene ID** 12015

#### Other Names

Bcl2-associated agonist of cell death, BAD, Bcl-2-binding component 6, Bcl-xL/Bcl-2-associated death promoter, Bcl2 antagonist of cell death, Bad, Bbc6

#### Target/Specificity

This mouse BAD Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S96 of mouse BAD.

#### Dilution

DB~~1:500

#### 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

Phospho-mouse BAD(S96) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Phospho-mouse BAD(S96) Antibody - Protein Information

**Name** Bad

**Synonyms** Bbc6

**Function** Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

#### **Cellular Location**

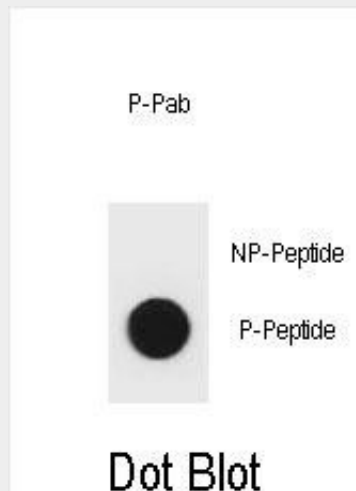
Mitochondrion outer membrane. Cytoplasm. Note=Colocalizes with HIF3A isoform 2 in the cytoplasm (PubMed:21546903). Upon phosphorylation, locates to the cytoplasm.

#### **Phospho-mouse BAD(S96) Antibody - 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](#)

#### **Phospho-mouse BAD(S96) Antibody - Images**



Dot blot analysis of mouse BAD Antibody (Phospho S96) Phospho-specific Pab (Cat. #AP3849a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6ug per ml.

#### **Phospho-mouse BAD(S96) Antibody - Background**

BAD promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

#### **Phospho-mouse BAD(S96) Antibody - References**

Santidrian, A.F., et al. Blood 116(16):3023-3032(2010)  
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Quoyer, J., et al. J. Biol. Chem. 285(3):1989-2002(2010)  
Polzien, L., et al. J. Biol. Chem. 284(41):28004-28020(2009)  
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