

## Phospho-mouse BAD(S96) Blocking Peptide

Synthetic peptide  
Catalog # BP3849a

### Specification

---

#### Phospho-mouse BAD(S96) Blocking Peptide - Product Information

Primary Accession [O61337](#)  
Other Accession [NP\\_031548.1](#)

#### Phospho-mouse BAD(S96) Blocking Peptide - 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

The synthetic peptide sequence is selected from aa 90-102 of MOUSE Bad

#### 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.

#### Phospho-mouse BAD(S96) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **Phospho-mouse BAD(S96) Blocking Peptide - Images**

## **Phospho-mouse BAD(S96) Blocking Peptide - 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) Blocking Peptide - References**

Santidrian, A.F., et al. Blood 116(16):3023-3032(2010)  
Frenzel, A., et al. Blood 115(5):995-1005(2010)  
Quoyer, J., et al. J. Biol. Chem. 285(3):1989-2002(2010)  
Polzien, L., et al. J. Biol. Chem. 284(41):28004-28020(2009)  
Wu, X., et al. Diabetologia 52(10):2130-2141(2009)