

Phospho-mouse BAD(S134) Blocking Peptide
Synthetic peptide
Catalog # BP3777o**Specification****Phospho-mouse BAD(S134) Blocking Peptide - Product Information**

Primary Accession [Q61337](#)
Other Accession [Q35147](#),
[NP_031548.1](#)

Phospho-mouse BAD(S134) 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 127-141 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(S134) Blocking Peptide - Protein Information

Name Bad

Synonyms Bbc6

Function

Phospho-mouse BAD(S134) Blocking Peptide - Background

Bad may be involved in induction of programmed cell death [RGD].

Phospho-mouse BAD(S134) 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)

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(S134) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)