



# Mouse BAD Antibody (C-term S161) Blocking peptide

Synthetic peptide Catalog # BP18704b

### **Specification**

Mouse BAD Antibody (C-term S161) Blocking peptide - Product Information

Primary Accession <u>Q61337</u>

Mouse BAD Antibody (C-term S161) 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

#### **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.

Mouse BAD Antibody (C-term S161) Blocking peptide - Protein Information

Name Bad

Synonyms Bbc6

#### **Function**

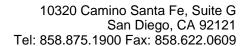
Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2.

## Mouse BAD Antibody (C-term \$161) Blocking peptide - Background

BAD promotes cell death. It 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.

# Mouse BAD Antibody (C-term S161) 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)





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## **Cellular Location**

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

Mouse BAD Antibody (C-term S161)
Blocking peptide - Protocols

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

• Blocking Peptides