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mouse BAD Antibody (Center S112/S111/Y113) Blocking Peptide

Synthetic peptide
Catalog # BP18695c

Specification

mouse BAD Antibody (Center S112/S111/Y113) Blocking Peptide - Product Information

Primary Accession Q61337

mouse BAD Antibody (Center S112/S111/Y113) 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 (Center S112/S111/Y113) 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.

mouse BAD Antibody (Center S112/S111/Y113) Blocking Peptide - Protocols

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

- Blocking Peptides

mouse BAD Antibody (Center S112/S111/Y113) Blocking Peptide - Images

mouse BAD Antibody (Center S112/S111/Y113) 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 (Center S112/S111/Y113) 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)