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Phospho-mBad(Ser155) Antibody
Purified Phospho-specific Monoclonal Antibody (Mab)
Catalog # AM1029a

Specification

Phospho-mBad(Ser155) Antibody - Product Information

Application	**WB,E**
Primary Accession	Q61337
Other Accession	NP_031548
Reactivity	**Human, Mouse**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1**

Phospho-mBad(Ser155) 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 mice immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Ser155 of mouse Bad.

Dilution
WB~~1:500~1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

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-mBad(Ser155) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho-mBad(Ser155) 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.

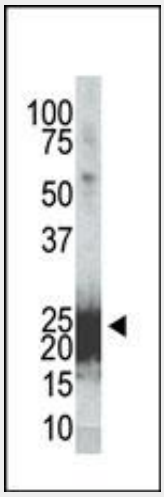
Cellular Location
Mitochondrion outer membrane. Cytoplasm. Note=Colocalizes with HIF3A isoform 2 in the cytoplasm (PubMed:21546903). Upon phosphorylation, locates to the cytoplasm.

Phospho-mBad(Ser155) 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 Cytomety
- Cell Culture

Phospho-mBad(Ser155) Antibody - Images



Western analysis of cell extracts from 293 cells transfected with Flag-Bad, using Phospho-mBad-Ser155 Antibody.

Phospho-mBad(Ser155) Antibody - References

Suppression of B-cell lymphomagenesis by the BH3-only proteins Bmf and Bad. Frenzel A, et al. Blood, 2010 Feb 4. PMID 19965635.
GLP-1 mediates antiapoptotic effect by phosphorylating Bad through a beta-arrestin 1-mediated ERK1/2 activation in pancreatic beta-cells. Quoyer J, et al. J Biol Chem, 2010 Jan 15. PMID 19915011.
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Perinatal survivin is essential for the establishment of pancreatic beta cell mass in mice. Wu X, et al. Diabetologia, 2009 Oct. PMID 19644667.
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