Recombinant Phospho-Bad (Ser99) Monoclonal Antibody

catalog number: AN300150L

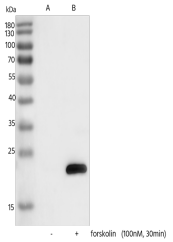
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide corresponding to the residues around Ser99 of Human Phospho-Bad
Host	Rabbit
Isotype	IgG
Clone	4B16
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol, pH 7.5

Applications	Recommended Dilution
WB	1:1000-1:20000

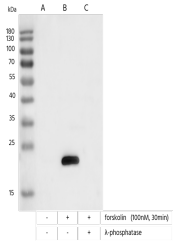
Data



Western blot analysis of extracts from serum-starved HEK293 overexpressing BAD, untreated(line A) or treated with forskolin (100nM, 30min; +)(line B), using Phospho-Bad (Ser99) Monoclonal Antibody at 1:1000 dilution.

Observed-MW:18 kDa

Calculated-MW:18 kDa



Western blot analysis of extracts from serum-starved HEK293 overexpressing BAD, untreated (line A); treated with forskolin (100nM, 30min; +)(line B); treated with forskolin and λ-phosphatase (line C) using Phospho-Bad (Ser99) Monoclonal Antibody at 1:1000 dilution.

Observed-MW:18 kDa

Calculated-MW:18 kDa

Preparation & Storage

Storage	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-1, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulation of this protein. Alternative splicing of this gene results in two transcript variants which encode the same isoform.

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