



BAD, phosphorylated (S124) (BAD, BBC6, BCL2L8, Bcl2 antagonist of cell death, Bcl-2-binding component 6, Bcl-2-like protein 8, Bcl-XL/Bcl-2-associated death promoter) (Azide free) (HRP)

Catalog number

032397-HRP

Supplier

United States Biological

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-2, 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. [provided by RefSeq].

Applications

Suitable for use in Dot Blot, ELISA

Recommended Dilution

ELISA: 1:1,000

Dot blot 1:500

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

BAD Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S124 of human BAD.

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).

Purity

Purified by Protein A affinity chromatography.

**Specificity**

Human

Product Type

Pab

Source

human

Isotype

IgG

Grade

Affinity Purified

Applications

DB E

Crossreactivity

Hu

Storage

-20°C

Detection Method

HRP

BSA Free

phosphorylated

Reference

Chen, B., et al. Am. J. Physiol., Cell Physiol. 299 (5), C968-C976 (2010) : Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Galmiche, A., et al. Mol. Cancer Res. 8(8):1116-1125(2010) Cerioni, L., et al. Methods Mol. Biol. 648, 291-301 (2010) : Yu, B., et al. J. Exp. Clin. Cancer Res. 29, 107 (2010) :