



BAD, phosphorylated (S111) (Bad, Bbc6, Bcl2 antagonist of cell death, Bcl-2-binding component 6, Bcl-xL/Bcl-2-associated death promoter) (Azide free) (HRP)

Catalog number

032395-HRP

Supplier

United States Biological

BAD 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.

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

Phospho-mouse BAD-S111 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S111 of mouse 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

Mouse

Product Type



Pab

Source

mouse

Isotype

IgG

Grade

Affinity Purified

Applications

DB E

Crossreactivity

Mo

Storage

-20°C

Detection Method

HRP

BSA Free

phosphorylated

Reference

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)