

Bad Rabbit monoclonal antibody

Catalog: BS9832M

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Bad is a proapoptotic member of the Bcl-2 family that promotes cell death by displacing Bax from binding to Bcl-2 and Bcl-xL. Survival factors, such as IL-3, inhibit the apoptotic activity of Bad by activating intracellular signaling pathways that result in the phosphorylation of Bad at Ser112 and Ser136. Phosphorylation at these sites promotes binding of Bad to 14-3-3 proteins to prevent an association between Bad with Bcl-2 and Bcl-xL. Akt phosphorylates Bad at Ser136 to promote cell survival. Bad is phosphorylated at Ser112 both in vivo and in vitro by p90RSK and mitochondria-anchored PKA. Phosphorylation at Ser155 in the BH3 domain by PKA plays a critical role in blocking the dimerization of Bad and Bcl-xL.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 24 kDa

Swiss-Prot:

Q92934

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:500-1:1000

IHC/ICC/IF: 1:50-1:200

FC: 1:20-1:100

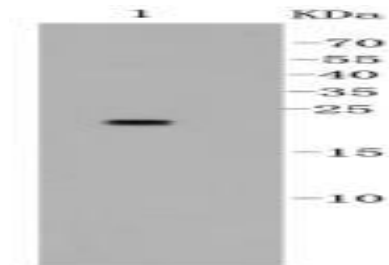
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

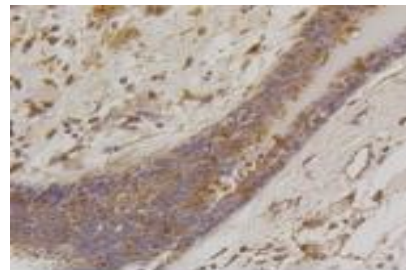
This antibody detects endogenous levels of Bad and does not cross-react with related proteins.

DATA:

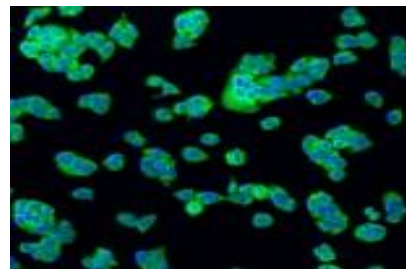


Western blot (WB) analysis of Bad Rabbit mAb at 1:500 dilution

Lane1:MCF7 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Bad antibody. Counter stained with hematoxylin.



ICC staining Bad in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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