

For Research Use Only

Phospho-BAD (Ser112) Recombinant monoclonal antibody, PBS Only

Catalog Number: 80431-2-PBS



Basic Information

Catalog Number:

80431-2-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC001901

GeneID (NCBI):

572

UNIPROT ID:

Q92934

Full Name:

BCL2-associated agonist of cell death

Calculated MW:

18 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

251074F11

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

BAD, a distant member of the BCL-2 family, exerts its death promoting effect by hetero-dimerizing with BCL-XL and BCL-2 death antagonists in the mitochondria. The function of the pro-apoptotic molecule BAD is regulated by phosphorylation of two sites, serine-112 (Ser-112) and serine-136 (Ser-136). Phosphorylation at either site results in loss of the ability of BAD to heterodimerize with the survival proteins BCL-XL or BCL-2. Phosphorylated BAD binds to 14-3-3 and is sequestered in the cytoplasm. (PMID: 10597268)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

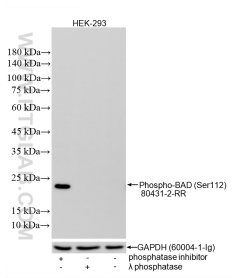
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Non-treated HEK-293 cells, phosphatase inhibitor treated HEK-293 cells and λ phosphatase treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 80431-2-RR (Phospho-BAD (Ser112) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 80431-2-PBS in a

