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PRODUCT DATASHEET

Anti-Bad (Ser-26), Phosphospecific Antibody

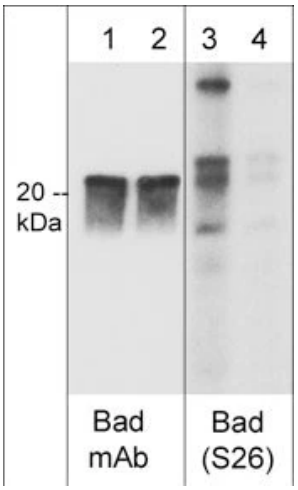
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:BP4951)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	BAD
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:500
Species Reactivity	Mouse, Rat
Immunogen	Phospho-Bad (Ser-26) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding serine 26 in mouse Bad. This peptide sequence is highly conserved in rat Bad, but is not found in human Bad.
Specificity	The antibody detects a 23 kDa* doublet corresponding to the apparent molecular mass of phosphorylated Bad on SDS-PAGE immunoblots of mouse J774A.1 treated with calyculin A. This reactivity is not observed after lambda phosphatase treatment.
Molecular Weight	23
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	Q61337 UniProt Summary: 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.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser-26
NCBI Gene ID	12015

Product Images



Western blot analysis of mouse J774A.1 macrophage stimulated with calyculin A (lanes 1-4) then dephosphorylated with lambda phosphatase (lanes 2 & 4). The blots were probed with mouse monoclonal anti-Bad (lanes 1 & 2), and rabbit polyclonal anti-Bad (Ser-26) (lanes 3 & 4).