

## BAD(Phospho-Ser155) Antibody

Catalog No: #11069



Package Size: #11069-1 50ul #11069-2 100ul

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## Description

Product Name	BAD(Phospho-Ser155) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of BAD only when phosphorylated at serine 155.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 155(R-M-S(p)-D-E) derived from Human BAD.
Target Name	BAD
Modification	Phospho
Other Names	Bbc2; A1325008
Accession No.	Swiss-Prot: Q61337NCBI Gene ID: 12015NCBI mRNA: NM_007522.2NCBI Protein: NP_031548.1
Uniprot	Q61337
GeneID	12015;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

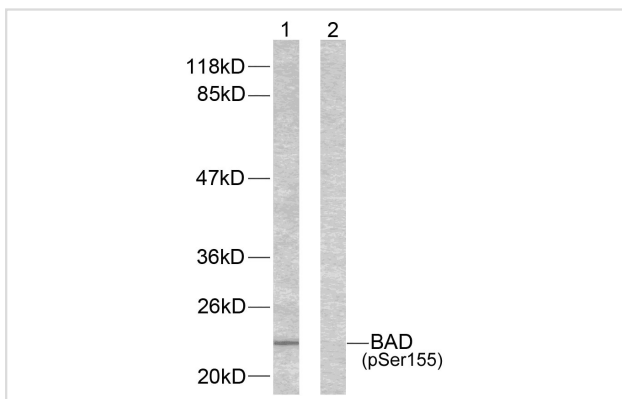
## Application Details

Predicted MW: 23kd

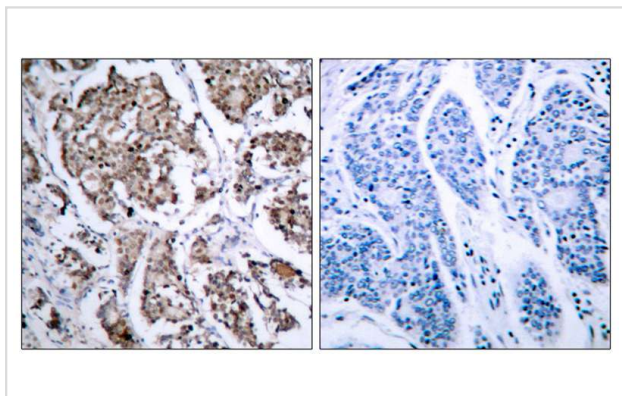
Western blotting: 1:500

Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from 293 cells using BAD (phospho-Ser155) antibody (#11069).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD (phospho-Ser155) antibody (#11069).

## Background

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.

Schurmann A., Mooney A.F., Sanders L.C., Sells M.A., Wang H.G., Reed J.C., Bokoch G.M. *Mol. Cell. Biol.* 20:453-461(2000)

Jakobi R., Moertl E., Koeppel M.A.J. *Biol. Chem.* 276:16624-16634(2001)

Note: This product is for in vitro research use only