Ablumir
Built Around Immunology

Anti-Bad Rabbit mAb [69F49]

Catalog No.: A52017

Basic Information

Catalog No. (Cat.No.)	A52017
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Bad,BAD,BCL2L8

Product Information

Target	Bad
Molecular Weight(Calculated)	18 kDa
Molecular Weight(Observed)	23 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	69F49
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Bcl-2-associated agonist of cell death
Gene Name	*BAD*
Domain	NA
Background	Bad (Bcl-2-associated agonist of cell death) is a pro-apoptotic member of the Bcl-2 protein family encoded by the BAD gene, acting as a key regulator of the mitochondrial apoptotic pathway. Ubiquitously expressed in various tissues and cells, Bad promotes endogenous apoptosis by binding and antagonizing anti-apoptotic proteins including Bcl-2 and Bcl-XL, triggering mitochondrial membrane potential collapse and cytochrome C release. Phosphorylation-induced Bad inactivation sequesters the protein in the cytoplasm and blocks apoptosis. The dysregulation of Bad expression and activation disrupts the balance between cell survival and apoptosis, closely participating in tumorigenesis, oxidative damage, metabolic disorders and neurodegenerative diseases.