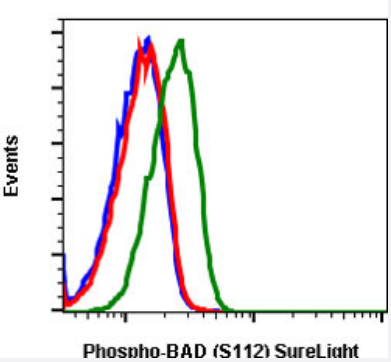
BAD (phospho S112) monoclonal antibody, clone B9 (SureLight 488)

Catalog # MAB18812 Size 10 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of COS7 cells with BAD (phospho S112) monoclonal antibody, clone B9 (SureLight 488) (Cat # MAB18812). Unstained and untreated as negative control (blue) or stained untreated (red) or cell treated with TPA + Calyculin A (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human BAD.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S112 of human BAD.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Conjugation	SureLight 488
Purification	Protein A/G purification
Isotype	IgG1, lamda
Recommend Usage	Flow Cytometry (5 uL/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — BAD

Entrez GeneID	572
Gene Name	BAD
Gene Alias	BBC2, BCL2L8
Gene Description	BCL2-associated agonist of cell death
Omim ID	603167
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the BCL-2 family. BCL-2 family members are k nown to be regulators of programmed cell death. This protein positively regulates cell apoptosis b y forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proa poptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulatio n of this protein. Alternative splicing of this gene results in two transcript variants which encode the same isoform. [provided by RefSeq
Other Designations	BCL-X/BCL-2 binding protein|BCL2-antagonist of cell death protein|BCL2-binding component 6| BCL2-binding protein

Pathway

- Acute myeloid leukemia
- Amyotrophic lateral sclerosis (ALS)
- Apoptosis

- Chronic myeloid leukemia
- Colorectal cancer
- Endometrial cancer
- ErbB signaling pathway
- Focal adhesion
- Insulin signaling pathway
- Melanoma
- Neurotrophin signaling pathway
- Non-small cell lung cancer
- Pancreatic cancer
- Pathways in cancer
- Prostate cancer
- VEGF signaling pathway

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lymphoma
- Parkinson disease
- Thyroid Neoplasms