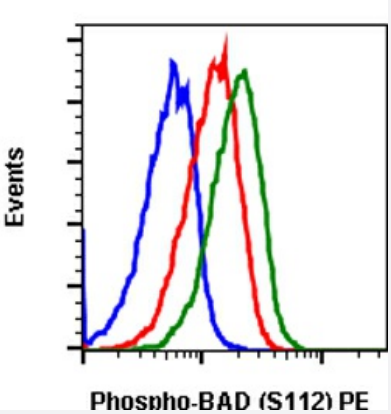
RecomAb™

BAD recombinant monoclonal antibody, clone BADS112-B9 (PE)

Catalog # RAB02997 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of COS7 cells unstained and untreated as negative control (blue) or stained untreated (red) or cell treated with TPA + Calyculin A (green) using Phospho-BAD (Ser112) antibody BADS112-B9 PE-conjugated.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BAD.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Ser112 of human phospho BAD
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	1X PBS, 0.09% Sodium azide, 0.2% BSA

Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — BAD

Entrez GeneID	572
Protein Accession#	Q92934
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 known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic 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 regulation 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