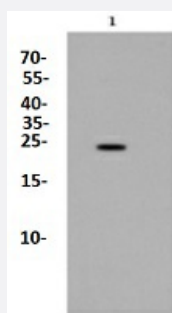


RecomAb™

BAD recombinant monoclonal antibody

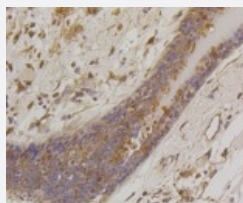
Catalog # RAB02676 Size 100 uL

Applications



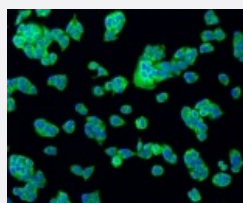
Western Blot (Cell lysate)

Western blot analysis of Lane1:MCF7 whole cell lysate with BAD recombinant monoclonal antibody (Cat # RAB02676) at 1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD recombinant monoclonal antibody (Cat # RAB02676). Counter stained with hematoxylin.



Immunocytochemistry

Immunocytochemical staining of HeLa cells using BAD recombinant monoclonal antibody (Cat # RAB02676)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against BAD.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant BAD.
Theoretical MW (kDa)	24
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of Bad and does not cross-react with related proteins.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:20-1:100) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS , pH7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane1:MCF7 whole cell lysate with BAD recombinant monoclonal antibody (Cat # RAB02676) at 1:500 dilution.

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- Immunofluorescence
- Flow Cytometry

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](#)