BT LAB
Bioassay Technology Laboratory
Optimize Your Research

BAD Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3850
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human BAD (AA: FULL(1-168)) expressed in E. Coli.
Mol wt	18.4kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	BBC2;BCL2L8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

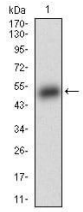
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

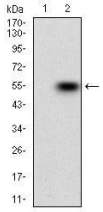
ELISA: 1:10000

Not yet tested in other applications.

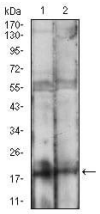
Images



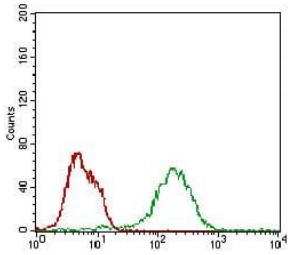
Western blot analysis using BAD mAb against human BAD (AA: FULL(1-168)) recombinant protein. (Expected MW is 44.3 kDa)



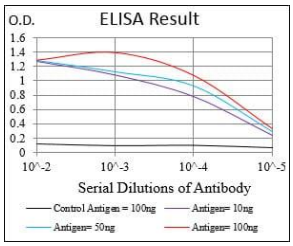
Western blot analysis using BAD mAb against HEK293 (1) and BAD (AA: FULL(1-168))-hIgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using BAD mouse mAb against MCF-7 (1), HEK293 (2) cell lysate.



Flow cytometric analysis of MCF-7 cells using BAD mouse mAb (green) and negative control (red).



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com