

## Anti-Bad Rabbit Monoclonal Antibody

Catalog Number: M03520

### About BAD

Receptor for bradykinin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.

### Overview

Product Name	Anti-Bad Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Bad Rabbit Monoclonal Antibody catalog # M03520. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal CHC-2
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q92934

### Technical Details

Immunogen	A synthesized peptide derived from human Bad
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200</p>



antibody and ELISA experts

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## Anti-Bad Rabbit Monoclonal Antibody (M03520) Images

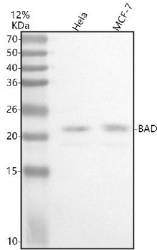
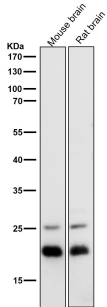
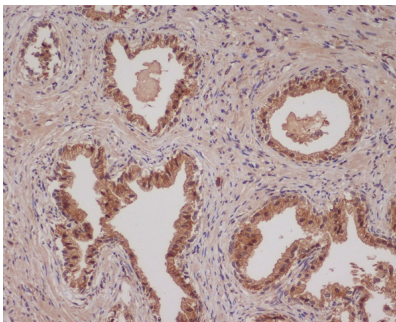


Figure 1. Western blot analysis of BAD using anti-BAD antibody (M03520). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HeLa whole cell lysates, Lane 2: human MCF-7 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BAD antigen affinity purified monoclonal antibody (Catalog # M03520) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for BAD at approximately 23 kDa. The expected band size for BAD is at 18 kDa.

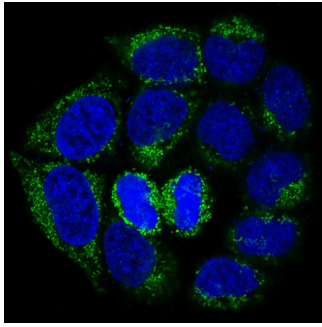


All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human colon cancer, using Bad Antibody.

Immunofluorescent analysis of HeLa cells, using Bad Antibody .



### 3 Publications Citing This Product

1. PubMed ID: 33727850, Xie H, Wang H, Wu Q, Peng J, Huang H, Wang Y, Huang M, Jiang W, Yang Y, Zhang X, Zhang J, Zhu Q. Endothelin-1/Endothelin Receptor Type A-Angiopoietins/Tie-2 Pathway in Regulating the Cross Talk Between Glomerular Endothelial Cells and Podocytes in Trichloroethylene-Induced Renal Immune Injury. *J Inflamm Res.* 2021 Mar 9;14:761-776. doi:10.2147/JIR.S301104. PMID:33727850; PMCID: PMC7955787.

2. PubMed ID: 33382670, Chen H, Sheng H, Zhao Y, Zhu G. Piperine Inhibits Cell Proliferation and Induces Apoptosis of Human Gastric Cancer Cells by Downregulating Phosphatidylinositol 3-Kinase (PI3K)/Akt Pathway. *Med Sci Monit.* 2020 Dec 31;26:e928403. doi:10.12659/MSM.928403. PMID:33382

3. PubMed ID: 25516716, Wang Q, Xu Y, Zhou W, Zhong L, Wen Z, Yu H, Chen S, Shen J, Chen H, She Q, Jiang J, Miao J, Wei W. *Int J Biol Sci.* 2014 Nov 18;10(10):1181-92. Doi: 10.7150/Ijbs.10275. Ecollection 2014. The Viral Oncoprotein Hbx Of Hepatitis B Virus Promotes The G...

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