

Anti-GAPDH Rabbit Monoclonal Antibody

Catalog Number: M00227-1

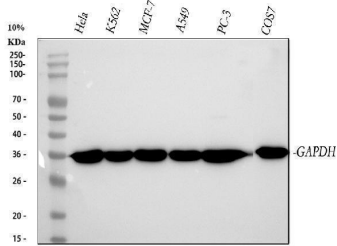
Overview

Product Name	Anti-GAPDH Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GAPDH Rabbit Monoclonal Antibody catalog # M00227-1. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Monkey, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal BG-7
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	P04406

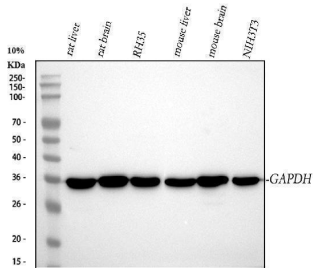
Technical Details

Immunogen	A synthesized peptide derived from human GAPDH
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:2000-20000 IHC 1:50-200 ICC/IF 1:50-200 FC 1:50

Anti-GAPDH Rabbit Monoclonal Antibody (M00227-1) Images

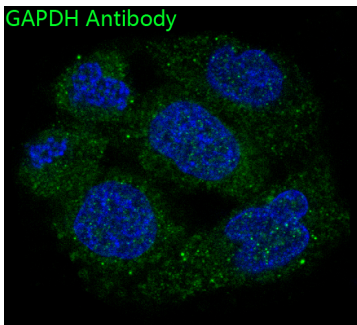
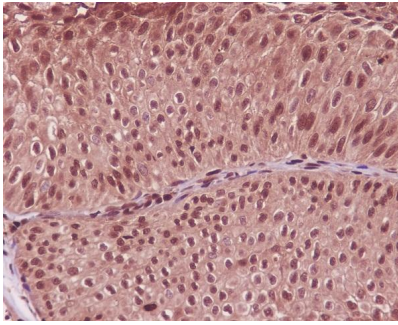


Western blot analysis of GAPDH using anti-GAPDH antibody (M00227-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: human MCF-7 whole cell lysates, Lane 4: human A549 whole cell lysates, Lane 5: human PC-3 whole cell lysates, Lane 6: monkey COS-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-GAPDH antigen affinity purified monoclonal antibody (Catalog # M00227-1) at 1:3000 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 GAPDH at approximately 36 kDa. The expected band size for GAPDH is at 36 kDa.

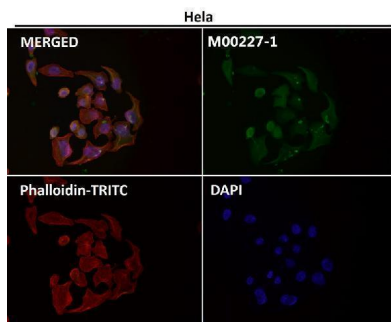


Western blot analysis of GAPDH using anti-GAPDH antibody (M00227-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat liver tissue lysates, Lane 2: rat brain tissue lysates, Lane 3: rat RH35 whole cell lysates, Lane 4: mouse liver tissue lysates, Lane 5: mouse brain tissue lysates, Lane 6: mouse NIH/3T3 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-GAPDH antigen affinity purified monoclonal antibody (Catalog # M00227-1) at 1:3000 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 GAPDH at approximately 36 kDa. The expected band size for GAPDH is at 36 kDa.

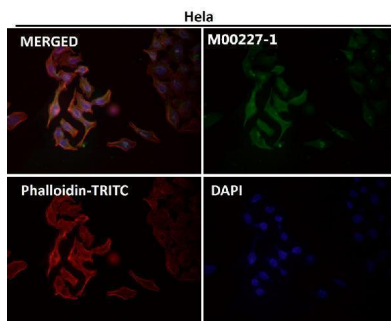
Immunohistochemical analysis of paraffin-embedded human bladder cancer, using GAPDH Antibody.



Immunofluorescent analysis of HeLa cells, using GAPDH Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:50 dilution.

150 Publications Citing This Product

1. PubMed ID: 31173299, Wang J,Fang Y,Liu YF,Wang X,Wang XL,Wang RY,Meng ZD.MiR-154 inhibits cells proliferation and metastasis in melanoma by targeting AURKA and serves as a novel prognostic indicator.Eur Rev Med Pharmacol Sci.2019 May;23(10):4275-4284.doi:10.26355/eurrev_201905_17932.PMID:31173299.

2. PubMed ID: 31058194, Duan Y,Tan Z,Yang M,Li J,Liu C,Wang C,Zhang F,Jin Y,Wang Y,Zhu L.PC-3-Derived Exosomes Inhibit Osteoclast Differentiation by Downregulating miR-214 and Blocking NF-kappaB Signaling Pathway.Biomed Res Int.2019 Apr 1;2019:8650846.doi:10.1155/2019/8650846. PMID:31058194;PMCID:PMC6463683.

3. PubMed ID: 31261950, Huang W,Guo L,Zhao M,Zhang D,Xu H,Nie Q.The Inhibition on MDFIC and PI3K/AKT Pathway Caused by miR-146b-3p Triggers Suppression of Myoblast Proliferation and Differentiation and Promotion of Apoptosis.Cells.2019 Jun 29;8(7):656.doi:10.3390/cells8070656.PMID:31261950; PMCID:PMC6678156.

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Anti-GAPDH Rabbit Monoclonal Antibody

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