

## Anti-GAPDH Rabbit Monoclonal Antibody

Catalog Number: M00227-1

### About GAPDH

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

### 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, Mouse, Rat.
Conjugate	FITC
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal BG-7
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	P04406

### Technical Details

Immunogen	A synthesized peptide derived from human GAPDH
Predicted Reactive Species	Human, Primate
Cross Reactivity	Detects ~20kDa. Does not cross-react with alphaB-crystallin, betaL-crystallin, ̢H- crystallin, gamma-crystallin, HSP25, HSP27 or HSP47 proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

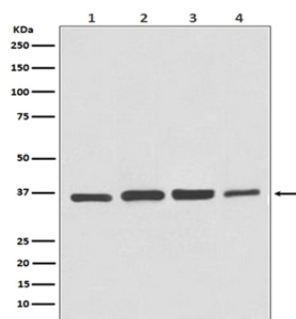
WB 1:3000-1:10000

IHC 1:100-1:250

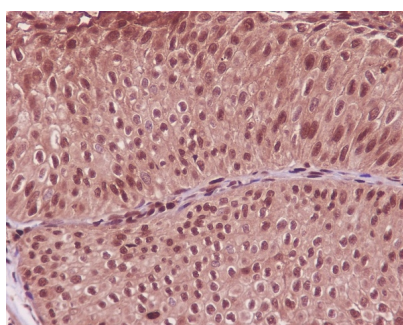
ICC/IF 1:100-1:250

FC 1:50

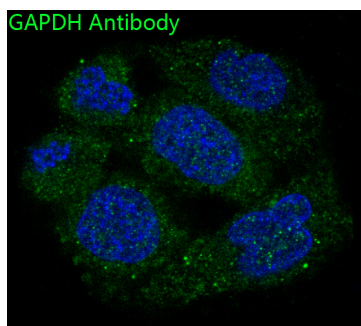
## Anti-GAPDH Rabbit Monoclonal Antibody (M00227-1) Images



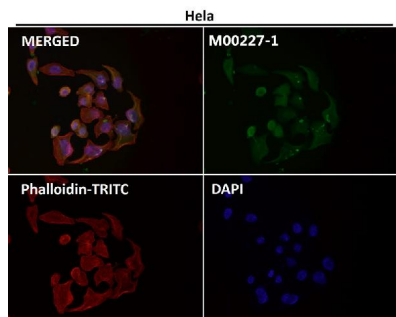
Western blot analysis of GAPDH expression in (1) HeLa cell lysate; (2) MDBK cell lysate; (3) COS-1 cell lysate; (4) MDCK cell lysate with GAPDH Antibody.



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

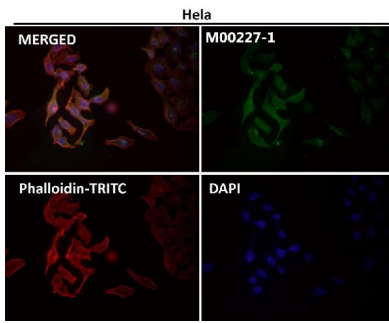


Immunofluorescent analysis of HeLa cells, using GAPDH Antibody.



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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