

Anti-beta -Actin ACTB Rabbit Monoclonal Antibody, Clone#RM112

Catalog Number: M01263-2

Overview

Product Name	Anti-beta -Actin ACTB Rabbit Monoclonal Antibody, Clone#RM112
Reactive Species	All species
Description	Boster Bio Anti-beta -Actin ACTB Rabbit Monoclonal Antibody, Clone#RM112 (Catalog # M01263-2). Tested in WB, IP, ChIP, ICC, IHC applications. This antibody reacts with All species.
Application	ChIP, IP, IHC, ICC, WB
Clonality	Monoclonal RM112
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P60709

Technical Details

Immunogen	A peptide corresponding to the N-terminus of beta-actin
Cross Reactivity	This antibody reacts to beta-Actin (Actin, cytoplasmic 1). No cross-reactivity with other isoforms of Actin.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
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: Western Blot (WB): 1:1000 dilution Immunoprecipitation (IP): 1:200 dilution Chromatin IP (ChIP): 1:200 dilution Immunocytochemistry (ICC): 1:200 dilution Immunohistochemistry (IHC): 1:200 dilution.

Anti-beta -Actin ACTB Rabbit Monoclonal Antibody, Clone#RM112 (M01263-2) Images

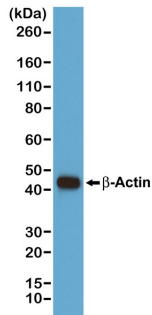


Figure 1. Western Blotting result
Western blot of A431 cells, using Clone RM112 at 1/1000 dilution. A -Actin band showed at the predicted MW (42 kDa).

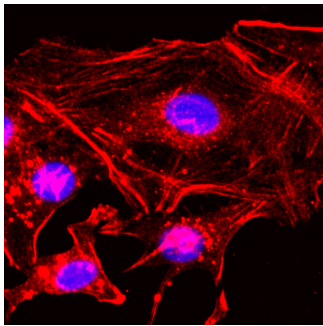


Figure 2. ICC result
Immunocytochemical staining of HeLa cells, using anti--Actin Clone RM112 at 1/200 dilution (red). Nuclei have been labeled with DAPI (blue)

279 Publications Citing This Product

1. PubMed ID: 10.3892/ijmm.2019.4255, CaSR activates PKCdelta to induce cardiomyocyte apoptosis via ER stress-associated apoptotic pathways during ischemia/reperfusion
2. PubMed ID: 10.7150/thno.41028, TMEM16A ameliorates vascular remodeling by suppressing autophagy via inhibiting Bcl-2-p62 complex formation
3. PubMed ID: 10.3390/antiox10020176, Gastro-Protective Effects of Albizia anthelmintica Leaf Extract on Indomethacin-Induced Gastric Ulcer in Wistar Rats: In Silico and In Vivo Studies

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