

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	<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>Western Blot (WB): 1:1000 dilution</p> <p>Immunoprecipitation (IP): 1:200 dilution</p> <p>Chromatin IP (ChIP): 1:200 dilution</p> <p>Immunocytochemistry (ICC): 1:200 dilution</p> <p>Immunohistochemistry (IHC): 1:200 dilution.</p>

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

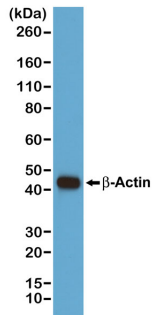


Figure 1. Western Blotting result
Western blot of A431 cells, using Clone RM112 at 1/1000 dilution. A -Actin band showed at the predicted MW (42 kDa).

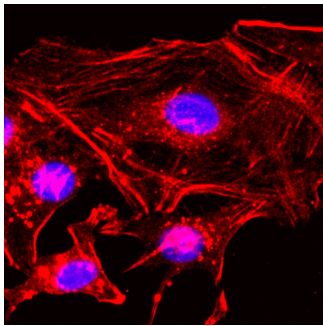


Figure 2. ICC result
Immunocytochemical staining of HeLa cells, using anti--Actin Clone RM112 at 1/200 dilution (red). Nuclei have been labeled with DAPI (blue)

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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