

## Anti-All Six Isotypes Of Mammalian Actin Monoclonal Antibody

Catalog Number: M01263-1

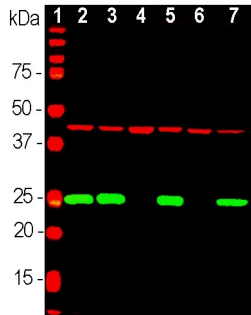
### Overview

Product Name	Anti-All Six Isotypes Of Mammalian Actin Monoclonal Antibody
Reactive Species	Bovine, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-All Six Isotypes Of Mammalian Actin Monoclonal Antibody catalog # M01263-1. Tested in IF, IHC, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN <sub>3</sub>
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	Mouse
Uniprot ID	P07830

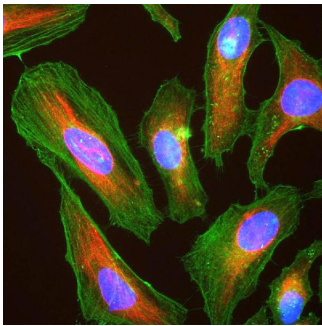
### Technical Details

Immunogen	Actin preparation from bovine brain
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
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: 1:1,000. IF/ICC or IHC: 1:500-1,000.</p>

## Anti-All Six Isotypes Of Mammalian Actin Monoclonal Antibody (M01263-1) Images



Western blot analysis of tissue and cell lysates probed with mouse mAb against actin, M01263-1, in red. [1] protein standard, [2] rat brain, [3] mouse brain, [4] NIH-3T3, [5] HEK293, [6] HeLa, [7] SH-SY5Y cells. The same blot was simultaneously probed with Boster chicken pAb to UCHL-1, a marker of neuronal lineage cells, in green.



Immunofluorescent analysis of HeLa cells stained with mAb against actin, M01263-1, in green, costained with Boster chicken pAb against vimentin, in red. The actin antibody labels the submembranous actin-rich cytoskeleton, stress fibers and bundles of actin associated with cell adhesion sites. The vimentin antibody stains a different cytoskeletal network, the intermediate or 10nm filaments. The blue is DAPI staining of nuclear DNA.

### 1 Publications Citing This Product

1. PubMed ID: 10.1186/s12935-020-01297-6, GSK-J4 induces cell cycle arrest and apoptosis via ER stress and the synergism between GSK-J4 and decitabine in acute myeloid leukemia KG-1a cells

Visit [bosterbio.com/anti-all-six-isotypes-of-mammalian-actin-monoclonal-antibody-m01263-1-boster.html](https://bosterbio.com/anti-all-six-isotypes-of-mammalian-actin-monoclonal-antibody-m01263-1-boster.html) to see all 1 publications.

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