

β-Actin Antibody

Catalog No: #48139

Package Size: #48139 100ul



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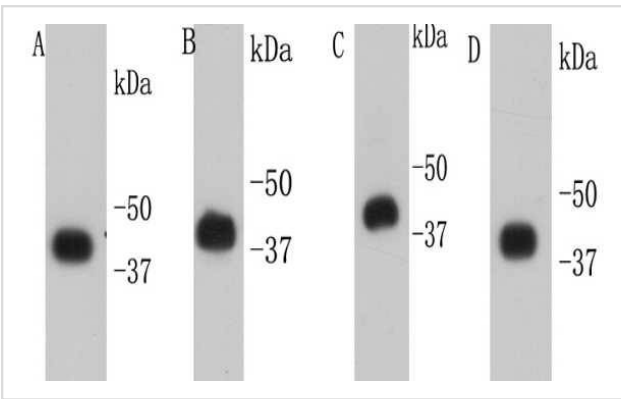
Description

|                       |                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | β-Actin Antibody                                                                                                                                                                                                                                                                                                                                                           |
| Purification          | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                                                |
| Applications          | WB, ICC, IHC, FC                                                                                                                                                                                                                                                                                                                                                           |
| Species Reactivity    | Hu,Ms,Rt,Zebrafish, bamboo                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen Description | peptide                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                                                                                                                               |
| Other Names           | A26C1A antibody A26C1B antibody ACTB antibody ACTB_HUMAN antibody Actin beta antibody Actin cytoplasmic 1 antibody Actin, cytoplasmic 1, N-terminally processed antibody Actx antibody b actin antibody Beta cytoskeletal actin antibody Beta-actin antibody BRWS1 antibody E430023M04Rik antibody MGC128179 antibody PS1TP5 binding protein 1 antibody PS1TP5BP1 antibody |
| Accession No.         | Swiss-Prot#:P60709                                                                                                                                                                                                                                                                                                                                                         |
| Calculated MW         | 42kDa                                                                                                                                                                                                                                                                                                                                                                      |
| Formulation           | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.                                                                                                                                                                                                                                                                                                       |
| Storage               | Store at -20°C                                                                                                                                                                                                                                                                                                                                                             |

Application Details

WB: 1:1,000-5,000

Images



Western blot analysis of β-actin on different lysates using anti-β-actin antibody at 1/1,000 dilution. Positive control 1: NIH/3T3 Lane 1: NIH/3T3 Lane 2: HeLa Lane 3: PC12 Lane 4: Zebrafish

Background

Actins are highly conserved proteins involved in cell motility, structure and integrity. Actin has been found to be expressed in at least six isomeric forms. It is expressed in heart and skeletal striated muscle tissue, and in certain smooth muscle tissues, regulating contractile potentials for these cells. It is also expressed in the cytoplasm of non-muscle cells, functioning to control cell structure and motility. Beta actin is usually used as a loading control, for among others, the integrity of cells, protein degradation, in Western Blotting.

## References

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.