

# β-Actin Rabbit mAb

Catalog No.: AC038

Recombinant

42 Publications

## Basic Information

### Observed MW

45kDa

### Calculated MW

41kDa

### Category

Loading control antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat, Chicken,  
Zebrafish, Pig

### CloneNo number

ARC5115-01

## Recommended Dilutions

WB 1:10000 - 1:100000

## Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Put 5ul AC038 into 45 ul buffer(with 50% glycerol), diluted 1:5,000 for using. The diluted antibody can be stored at -20°C without aliquot.

## Immunogen Information

### Gene ID

60

### Swiss Prot

P60709

### Immunogen

Recombinant protein of human β-Actin

### Synonyms

ACTB;BRWS1;PS1TP5BP1;beta actin;actin

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

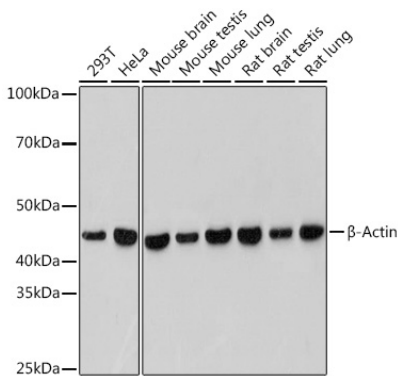
Affinity purification

### Storage

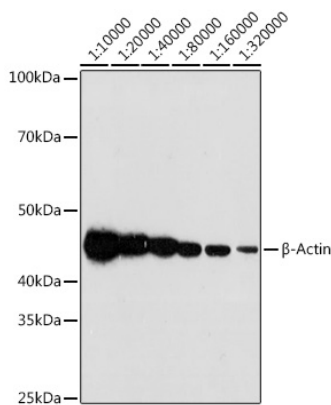
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using  $\beta$ -Actin antibody (AC038) at 1:50000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Western blot analysis of extracts of HeLa cells, using  $\beta$ -Actin antibody (AC038) at 1:10000-1:320000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.