

β-Actin Mouse mAb

Catalog No.: AC004 **496 Publications**

Basic Information

Observed MW

42 kDa

Calculated MW

42kDa

Category

Loading control antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC0001

Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins that are ubiquitously expressed. Mutations in this gene cause Baraitser-Winter syndrome 1, which is characterized by intellectual disability with a distinctive facial appearance in human patients. Numerous pseudogenes of this gene have been identified throughout the human genome.

Recommended Dilutions

WB	1:10000-1:100000
IHC-P	1:1000 - 1:10000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

60

Swiss Prot

P60709

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

BRWS1; PS1TP5BP1; β-Actin

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Product Information

Source

Mouse

Isotype

IgG1,Kappa

Purification

Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

