

AC009

Leader in Biomolecular Solutions for Life Science



Actin (plant specific) Mouse mAb

Catalog No.: AC009

98 Publications

Basic Information

Observed MW

45kDa

Calculated MW

45kDa

Category

Monoclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Various Plants

CloneNo number

AMC0496

Background

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.

Recommended Dilutions

WB 1:2000 - 1:10000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

Swiss Prot

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG1

Purification

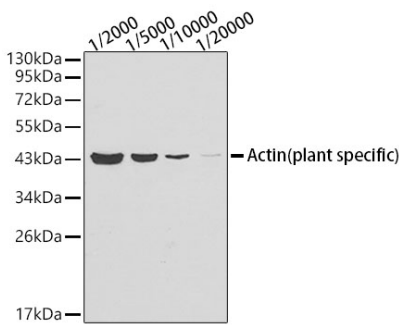
Affinity purification

Storage

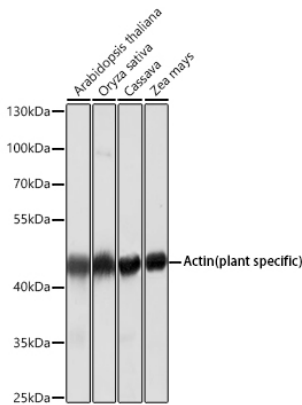
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 1% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from *Arabidopsis thaliana* tissue using Actin (plant specific) Mouse mAb (AC009).
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts of various tissues from *Arabidopsis thaliana*, using Actin (plant specific) Mouse mAb (AC009) at 1:5000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.