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 Loading control antibody

Applications WB,ELISA

Cross-Reactivity Various Plants

CloneNo number AMC0496

## 5A

**Recommended Dilutions** 

1:2000 - 1:10000

Recommended starting

Please optimize the concentration based on

your specific assay requirements.

concentration is  $1 \mu g/mL$ .

## Immunogen Information

Gene ID

**Swiss Prot** 

Immunogen

Background

nonmuscle cytoskeletal actins.

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

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

Synonyms

#### Contact

WB

**ELISA** 

# 400-999-6126 <u>cn.market@abclonal.com.cn</u> <u>www.abclonal.com.cn</u>

# **Product Information**

Source Mouse **lsotype** 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.



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.

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:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

