# Actin (plant specific) Mouse mAb

Catalog No.: AC009 99 Publications



# **Basic Information**

#### **Observed MW**

45 kDa

### **Calculated MW**

45 kDa

### Category

Loading control 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**

**Swiss Prot Gene ID** 

### **Immunogen**

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

# **Synonyms**

### **Contact**

<b>a</b>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	T	www.abclonal.com.cn

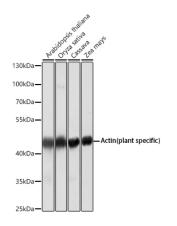
# **Product Information**

**Purification Source** Isotype Mouse lgG1 Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 1% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using Actin (plant specific) Mouse mAb (AC009) at 1:5000 dilution

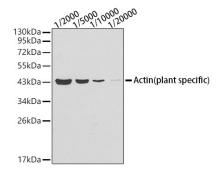
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25  $\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30 s.



Western blot analysis of lysates from Arabidopsis thaliana tissue using Actin (plant specific) Mouse mAb (AC009) at 1:2000-1:20000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.