

Actin (plant specific) Mouse mAb

CABC009

Description

This Actin (plant specific) Mouse mAb is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABC009
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	-
Clone:	AMC0496
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Various Plants

Antibody Data

Gene ID:	-
Uniprot:	AB_2771701
Host Species:	Mouse
Purification:	Affinity purification
Observed MW:	45 kDa
Calculated MW:	45 kDa

Preparation & Storage

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.

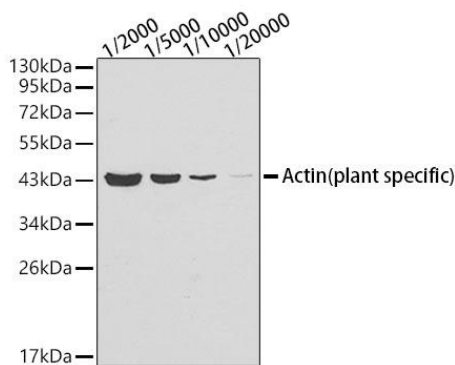
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Arabidopsis thaliana, Oryza sativa, Cassava, Zea mays

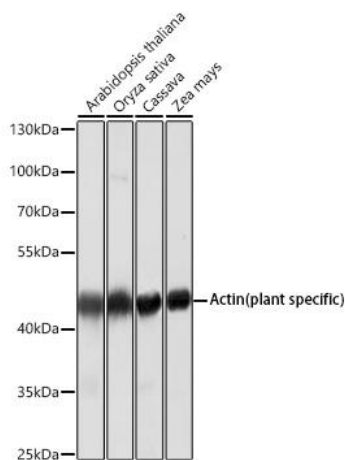
Recommended Dilutions:	WB	1:2000 - 1:10000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from Arabidopsis thaliana tissue using Actin (plant specific) Mouse mAb (CABC009) at 1:2000-1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of various lysates using Actin (plant specific) Mouse mAb (CABC009) at 1:5000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30 s.