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Mouse anti plant actin mAb

Reactivity: Arabidopsis, Oryza sativa, Nicotiana tabacum

Tested applications:WB

Recommended Dilution:WB 1:1000 - 1:2000

Calculated MW:45kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant Protein of plants actin

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

AT3G46520; ACTIN; actin-12

Catalog #:AC009

Antibody Type:

Monoclonal Antibody

Species: Mouse

Isotype: IgG

Purity: Affinity purification

For research use only.

Background:

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. As an essential component of cell cytoskeleton, actin plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth. In plants, actin preferentially expressed in young and expanding tissues, floral organ primordia, developing seeds, and emerging inflorescence. It displays a very high expression level in mature pollen and pollen tubes.

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