



Plant-actin Mouse Monoclonal Antibody

E12-047

Catalog Number: E12-047

Amount: 100µg/100µl

Clone Number: Q30

Background: Actin is a highly conserved protein and an essential component of cell cytoskeleton and plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth. Preferentially expressed in young and expanding tissues, floral organ primordia, developing seeds and emerging inflorescence. Antibodies against plant Actin are useful as loading controls for Western Blotting.

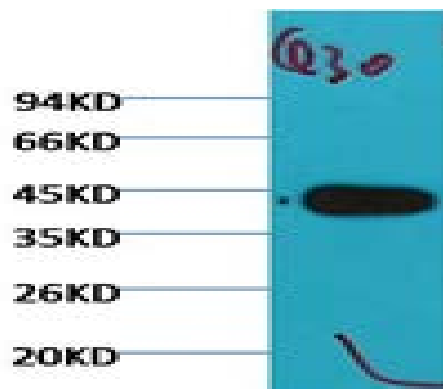
Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year. Do not aliquot the antibody.

Specificity/Sensitivity: Antibody can detect endogenous plant actin protein

Reactivity: Various Plants

Applications: WB: 1:2,000-5,000



Western blot analysis of Arabidopsis with plant actin
Mouse mAb (Q30) diluted at 1:5,000.

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