



Anti-Plant-actin Mouse Monoclonal Antibody(P2)

Catalog No.	EM31017-01	EM31017-02
Size	50 μ l	100 μ l

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.

Molecular Weight: 43KD

Application : WB 1:2,000-5,000 Optimal dilutions should be determined by the end user.

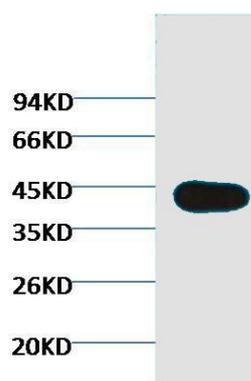
species reactivity: Arabidopsis Nicotiana tabacum Oryza sativa Hordeum vulgare

Specificity: The plant actin antibody can detect endogenous plant actin protein.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol

Storage: Store at -20°C. Do not aliquot the antibody.



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