

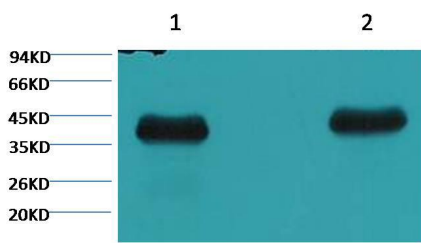


ELK Biotechnology

Plant actin Mouse mAb
Catalog NO.: EM1122
For research use only.

Overview

Product name	Plant actin Mouse Monoclonal antibody
Source	Mouse
Applications	WB
Species reactivity	Various Plants
Recommended dilutions	WesternBlot:1/5000 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Arabidopsis
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	43kDa
GeneID (Human)	N/A
Human Swiss-Prot No.	N/A
Cellular localization	N/A
Alternative Names	N/A
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



Western blot analysis of Arabidopsis with EM1122 diluted at 1:5000 (lane 1) and 1:10000 (lane 2)