

## Product overview

product name	Anti plant actin12 mouse monoclonal antibody
catalog No.	ATMA10087Mo
Category	Primary antibody
Host	Mouse
Species specificity	Arabidopsis thaliana, Nicotiana tabacum, Predict react with Gossypium hirsutum, Solanum tuberosum, Scherffelia dubia, Sorghum bicolor.
Tested applications	WB
Clonality	Monoclonal
Clone No.	9C1
Conjugation	Unconjugated
Immunogen	Synthesis peptide from C-terminal.
Alternative Names	ACT12, At3g46520, F12A12.40.
Uniprot ID	P53494, P0CJ47, P0CJ46, P53496, P53497

## Product performance

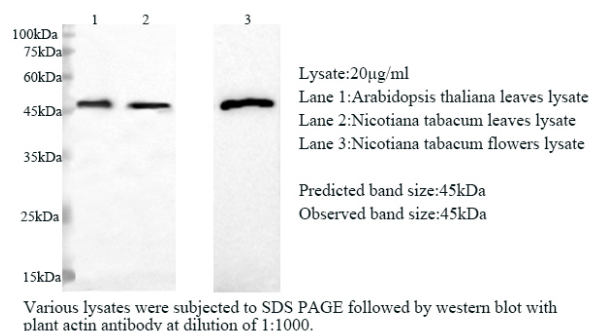
Form	Liquid
Buffer	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
Concentration	0.5mg/ml
Isotype	IgG1
MW	42kDa
Purity	Protein G purification

## Dilution range

WB: 1:2000-1:4000

## Product experiment picture





## Product background

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. Essential component of cell cytoskeleton; plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth. This is considered as one of the reproductive actins.