

Anti-Actin-Plant Specific antibody [SMM5489] (STJ11107554)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Mouse
Reactivity	Various Plants

PRODUCT PROPERTIES

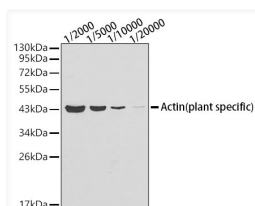
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:5000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 1% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG1
Molecular Weight	Protein Mw: 45kDa Observed Mw: 45kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

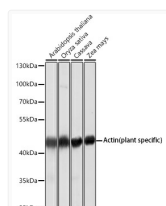
Specificity	A synthetic peptide corresponding to Actin (plant specific).
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ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of lysates from Arabidopsis thaliana tissue using Actin (plant specific) Mouse mAb (STJ11107554).
 Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts of various tissues from Arabidopsis thaliana, using Actin (plant specific) Mouse mAb (STJ11107554) at 1:5000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 30s.