



## Mouse Anti-Plant actin (Loading Control)antibody

SLM-33128M

<b>Product Name</b>	Plant actin(Loading Control)
<b>Chinese Name</b>	Botany 肌动蛋白（内参）单克隆抗体
<b>Alias</b>	Plant-actin; beta Actin; Botany 内参; Botany 肌动蛋白内参;
<b>Product Type</b>	Internal reference anti Botany 抗体
<b>Research Area</b>	Cell biology Developmental biology Botany Cytoskeleton
<b>Immunogen Species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone NO.</b>	4F5
<b>React Species</b>	Various Plants WB=1:2000-10000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	43kDa
<b>Cellular localization</b>	cytoplasmic
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	Synthetic MAP peptide derived from human beta-Actin
<b>Lsotype</b>	IgG1
<b>Purification</b>	affinity purified by Protein G
<b>Buffer Solution</b>	Various Plants1M TBS(pH7.4) with 1% BSA, Various Plants3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>

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

### Product Detail

**SWISS:**  
P60709

**Gene ID:**  
60

**Database links:**

[SwissProt: P0CJ46](#) ARATH

### Product Picture



Lane 1: Waxy corn (Plant) Lysate at 40 ug

Lane 2: Brassica napus (Plant) Lysate at 40 ug

Primary: Anti-Plant actin (SLM-33128M) at 1/1000 dilution

Secondary: IRDye800CW Goat Ant-Mouse IgG at 1/20000 dilution

Predicted band size: 43 kD

Observed band size: 44 kD