

**bsm-33128M****[ Primary Antibody ]****Plant actin Mouse mAb, Loading Control****BioSS**  
**ANTIBODIES**

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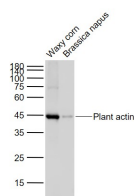
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**— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG1	<b>Applications:</b> WB (1:2000-10000)  <b>Reactivity:</b> Various Plants    <b>Predicted MW.:</b> 43 kDa
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 4F5	
<b>Target:</b> Plant actin		
<b>Purification:</b> affinity purified by Protein G		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Size : 50ul/100ul/500ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Waxy corn (Plant) Lysate at 40 ug  
Lane 2: Brassica napus (Plant) Lysate at 40 ug  
Primary: Anti-Plant actin (bsm-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

**— SELECTED CITATIONS —**

- **[IF=6.064]** Jianan Hu. et al. Identification of Key Residues Essential for the Activation of Plant Immunity by Subtilisin From *Bacillus velezensis* LJ02.. FRONT MICROBIOL. 2022 Aug;13:869596-869596 WB ;Nicotiana benthamiana. 36046019
- **[IF=5.6]** Ru Meng. et al. High Overexpression of SiAAP9 Leads to Growth Inhibition and Protein Ectopic Localization in Transgenic Arabidopsis. INT J MOL SCI. 2024 Jan;25(11):5840 WB ;Arabidopsis. 10.3390/ijms25115840
- **[IF=4.9]** Shijie Li. et al. Insights from Tandem Mass Tag (TMT) Proteomic Analysis on Protein Network Modification in Control of Yak Hair Follicle Cycle. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025 Feb 12;26(4):1532. Western Blot ;Yak. 40003997
- **[IF=2.9]** Qilin Yang. et al. Cloning and functional validation of DsWRKY6 gene from Desmodium styracifolium. PLANT SIGNAL BEHAV. 2024 五月 14 WB ;Onion. 38743594