

Plant actin Mouse mAb, Loading Control

Catalog Number: bsm-33128M

Target Protein: Plant actin

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 4F5

Isotype: IgG1

Applications: WB (1:2000-10000)

Reactivity: Various Plants

Predicted MW: 43 kDa

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

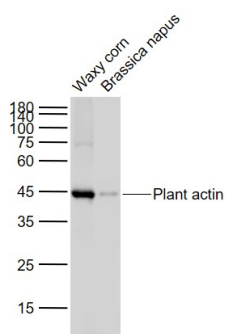
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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

PRODUCT SPECIFIC PUBLICATIONS

[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=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