
mCherry Mouse mAb

Catalog Number: bsm-33131M

Target Protein: mCherry

Concentration: 1mg/ml

Form: Size : 100ul/500ul

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.: 9F11

Isotype: IgG1

Applications: WB (1:1000-5000)

Reactivity: Species independent

Purification: affinity purified by Protein G

Storage: Size : 100ul/500ul

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

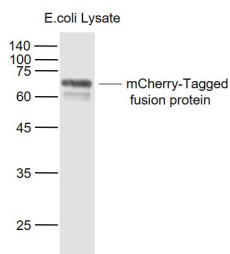
Size : 200ug (PBS only)

0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: mCherry is a fluorophore (a fluorescent molecule) used in biotechnology as a tracer to follow the flow of fluids, as a marker when tagged to molecules and cells components. mCherry is a monomeric fluorescent construct with peak absorption/emission at 587 nm and 610 nm, respectively. It is resistant to photobleaching and is stable. mCherry is sometimes preferred to other fluorophores due to its colour, as well as its photostability compared to other monomeric fluorophores.

VALIDATION IMAGES



Sample: Lane 1: mCherry-tagged fusion protein Overexpression E.coli Lysate (Cat#: bs-33131P) at 4 ug
 Primary: Anti- mCherry-Tag (bsm-33131M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 70 kD Observed band size: 70 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=16] Zihao Ou. et al. Single-particle analysis of circulating bacterial extracellular vesicles reveals their biogenesis, changes in blood and links to intestinal barrier. J EXTRACELL VESICLES. 2023 Dec;12(12):12395 WB ; Escherichia coli,Staphylococcus aureus,Mouse . 38050834

[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