bsm-33131M **[Primary Antibody]**

mCherry Mouse mAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Mouse **Isotype:** IgG1

Clonality: Monoclonal **CloneNo.:** 9F11

Target: mCherry

Purification: affinity purified by Protein G

Concentration: 1mg/ml

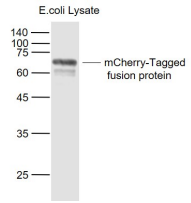
Storage: Size : 100ul/500ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

Applications: **WB** (1:1000-5000)
ELISA (1:1000-5000)

Reactivity: Species independent

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

SELECTED CITATIONS

- **[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=3.7]** Ziyue Liu. et al. The nuclear poly(A)-binding protein Pab2/PABPN1 promotes heterochromatin assembly through the formation of Pab2 nuclear condensates. PLOS GENET. 2025 Mar;21(3):e1011647 WB ;Schizosaccharomyces japonicus. 40163528
- **[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