### bsm-33131M

## [ Primary Antibody ]



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# mCherry Mouse mAb

- 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

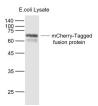
compared to other monomeric fluorophores.

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

IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000) Flow-Cyt (1ug/Test) ICC/IF (1:100-500) 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