

**bsm-33189M**

**[ Primary Antibody ]**

## ECFP Mouse mAb

**BioSS**  
ANTIBODIES

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### — DATASHEET —

**Host:** Mouse

**Isotype:** IgG

**Clonality:** Monoclonal

**CloneNo.:** 10H5

**Target:** ECFP

**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.

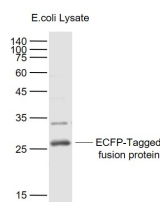
**Background:** Cyan Fluorescent Protein (CFP) is a genetic mutant of green fluorescent protein (GFP) originally derived from the jellyfish *Aequorea victoria*. The fluorescence of EYFP was detected with an excitation filter of 485 nm and an emission filter of 545 nm, and that of ECFP was detected with filters of 420 and 486 nm (Perkin Elmer), respectively. In the present reporter assay, EYFP and ECFP were selected as a reporter protein and an internal control for normalization of transfection, respectively.

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

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

**Reactivity:** Species independent

### — VALIDATION IMAGES —



Sample: Lane 1: ECFP-Tagged fusion protein (full length) Overexpression E.coli Lysate (Cat#: bs-33189P) at 4 ug Primary: Anti-ECFP-Tag (bsm-33189M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 27 kD Observed band size: 27 kD