

**bsm-33182M**

**[ Primary Antibody ]**

## EYFP Mouse mAb

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ANTIBODIES

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### — DATASHEET —

**Host:** Mouse

**Isotype:** IgG

**Clonality:** Monoclonal

**CloneNo.:** 1H9

**Target:** EYFP

**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.

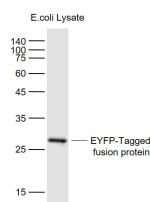
**Background:** Yellow fluorescent protein (YFP) is a genetic mutant of green fluorescent protein (GFP) originally derived from the jellyfish *Aequorea victoria*. Its excitation peak is 514 nm and its emission peak is 527 nm. Like the parent GFP, YFP is a useful tool in cell and molecular biology thanks to its properties useful for fluorescence microscopy.

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

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

**Reactivity:** Species independent

### — VALIDATION IMAGES —



Sample: Lane 1: EYFP-Tagged fusion protein (full length) Overexpression E.coli Lysate (Cat#: bs-33182P) at 4 ug Primary: Anti- EYFP-Tag (bsm-33182M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 26 kD Observed band size: 26 kD