

---

## His tag Mouse mAb

Catalog Number: bsm-33004M

Target Protein: His tag

Concentration: 1mg/ml

Form: Size : 50ul/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.: 6E6

Isotype: IgG

Applications: WB (1:5000-50000)

Reactivity: Species independent

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/500ul

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

Size : 200ug (PBS only)

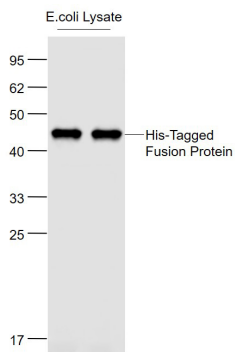
0.01M PBS

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

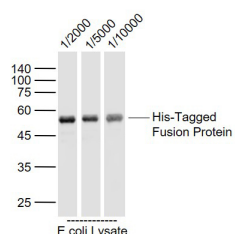
Background: The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. The antibody recognizes the His-tag fused to the amino- or carboxy- termini of targeted proteins in transfected or transformed cells.

### VALIDATION IMAGES

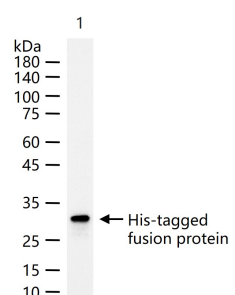
---



Sample: Lane1: His-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41230P) at 2ug Lane2: His-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41230P) at 2ug Primary: Anti-His tag (bsm-33004M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 45 kD



Sample: His-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 4 ug Primary: Anti-His tag (bsm-33004M) at 1/2000 ~ 1/10000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD



50 ng Recombinant GFP protein (bs-33009P) per lane probed with His tag monoclonal antibody respectively, unconjugated (bsm-33004M) at 1:5000 dilution and 4°C overnight incubation. Followed by corresponding conjugated secondary antibody incubation at r.t. for 60 min.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=9.7] Qian He. et al. Designing a reengineered probiotic yeast to spontaneously degrade residual antibiotics in gut during antimicrobial therapy. J CLEAN PROD. 2024 Nov;;144177 WB ; *Saccharomyces boulardii* . 10.1016/j.jclepro.2024.144177

[IF=8.2] Beibei Wang. et al. Identification and functional analysis of Toll-like receptor 2 from razor clam *Sinonovacula constricta*. INT J BIOL MACROMOL. 2024 Apr;265:131029 ELISA ; Mouse . 38518946

[IF=4.961] Rong Yue. et al. Study of the Effects of Several SARS-CoV-2 Structural Proteins on Antiviral Immunity. VACCINES-BASEL. 2023 Mar;11(3):524 WB ; Human . 10.3390/vaccines11030524

[IF=4.1] Reng Qiu. et al. Identification and functional analysis of lysophosphatidic acid phosphatase type 6 (ACP6) gene in golden pompano (*Trachinotus ovatus*). FISH SHELLFISH IMMUN. 2024 Nov;154:109904 WB ; Fish . 39276813

[IF=2.6] Yang Zhang. et al. Recombinant MS087-based indirect ELISA for the diagnosis of *Mycoplasma synoviae*. FRONT VET SCI. 2024 Oct;11: WB ; *Escherichia coli* . 39534400