

bsm-33007M**[Primary Antibody]****BioSS**
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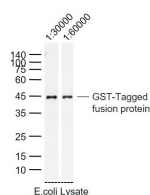
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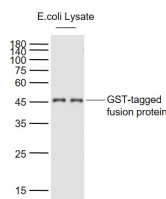
GST tag Mouse mAb**DATASHEET****Host:** Mouse**Clonality:** Monoclonal**Target:** GST tag**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml

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: GST is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

Isotype: IgG**CloneNo.:** 3C10**Applications:** WB (1:10000-100000)**ELISA** (1:1000-5000)**Reactivity:** Species independent**Subcellular Location:** Cytoplasm**VALIDATION IMAGES**

Sample: GFP-Tagged Fusion Protein
Overexpression E.coli Lysate (Cat#: bs-41230P)
at 2 ug Primary: Anti-GST tag (bsm-33007M) at
1/30000 ~ 1/60000 dilution Secondary:
IRDye800CW Goat Anti-Mouse IgG at 1/20000
dilution Predicted band size: 41 kDa Observed
band size: 41 kDa



Sample: GST-Tagged fusion protein
Overexpression E.coli Lysate (Cat#: bs-41230P)
at 4 ug Primary: Anti-GST tag (bsm-33007M) at
1/60000 dilution Secondary: IRDye800CW Goat
Anti-Mouse IgG at 1/20000 dilution Predicted
band size: 41 kD Observed band size: 45 kD

SELECTED CITATIONS

- **[IF=8.022]** Aixin Ni. et al. Degradation of amyloid β -peptides catalyzed by nattokinase in vivo and in vitro. FOOD SCI HUM WELL. 2023 Sep;12:1905 WB ;*Escherichia coli*. 10.1016/j.fshw.2023.02.042
- **[IF=7.2]** Zhiyan Hu. et al. CIP4 targeted to recruit GTP-Cdc42 involving in invadopodia formation via NF- κ B signaling pathway promotes invasion and metastasis of CRC. Mol Ther-Oncolytics. 2022 Feb; WB ;Strain (B121) . 10.1016/j.omto.2022.02.023
- **[IF=6.1]** Wudi Hao. et al. Screening of cancer-specific biomarkers for hepatitis B-related hepatocellular carcinoma based on a proteome microarray. MOL CELL PROTEOMICS. 2024 Nov;100872 ;. 39489219